3|2

Manufacturers
Data
Base

MC0025

Door Sets

Department of Health
and Social Security
January 1973

Door sets

Doors / Entrances Modern Hospitals

86 cm clear opening width to allow easy passage for a wheel chair 152 cm wide to extend about 45 cm. on either side of the doorway for opening & closing the door.

Smoke lever action. 4 Kg / pressure to open door.

Operating depth min.. door opening : 90 cm.

Clearance / 10cm on either side / bed is required to remove at stand an opening. Width of 150 cm (for 2 leaf) door recommended.

Protection up to a height / 125 cm.

Of Post op. area. door width / 145 cm is recommended.

Labs 120 cm minimum.

Parking point for room to nearest exit. less than 60m. (US less than 45 m) in Sweden. in rural 30m

Contents

1

		page
INTRODUCTION	General introduction	3
	Component introduction	4
COMPONENT DESCRIPTION	Description	5
	Dimensional discipline	7
	Performance standards	14
	Accessories	15
USE	Use selection	17
	Detail use	18
	Schedules	-
SELECTION	Coding conventions	20
	Coded range	21
	Code index	46

Digitized by the Internet Archive
in 2025 with funding from
UCL Library Special Collections

https://archive.org/details/ucl_mc0025

2

Introduction

3 General Introduction

This 1973 Edition of the MDB incorporates some changes suggested by the users.

Feedback from the users can materially assist the Department's monitoring functions. Forms for this purpose will be available.

Technical Document

The Technical Document for each component (see list on back cover) gives component descriptions, dimensional ranges and coding, and advises on selection and use.

Product Specification

The Product Specifications will be supplied by each of the selected manufacturers. A folder will be supplied for each range of components described in the Technical Documents. Manufacturers will send approved MDB information direct to the users. This will include descriptions of performance, details of junctions with adjoining components, drawings or photographs and the fixing and maintenance services offered, sufficient for a user to make a choice of manufacturers in his area. This detailed information should be checked again at tender stage.

Price List

The Price List for each component range gives prices obtained from each manufacturer, the terms and conditions under which these prices have been obtained and the method of measurement. This is a confidential document and will be supplied only to users of the components.

Use and Index

The Use and Index is the key document giving information about the other documents and the use of the system. Part of the Use and Index will be a list of the name, address, telephone number and customer contacts of each of the selected manufacturers.

Service Document

The Service Document is primarily intended for the Main Contractor and gives information about the service he will get from and be required to provide to the selected manufacturer.

Colour Coding

Technical Documents have BLUE covers.

Product Specifications have YELLOW covers.

Price Lists have RED covers.

Component Introduction

4

This document describes
DOORSETS
generally suitable for
Health and Welfare buildings.

In the following sections the
DOORSETS
are described in detail.

In Use and Index it is stressed that
successful use of co-ordinated components
depends on:-

1 Orderly selection to ensure functional compatibility.

2 Acceptance of dimensional conventions for the incorporation of components in both design and production stages.

3 Definition of junctions within these dimensional conventions so that standard co-ordinated components can always be used.

MDB components have been selected
on this basis and the MDB.range
offers functionally suitable components
which are compatible with adjoining
components.

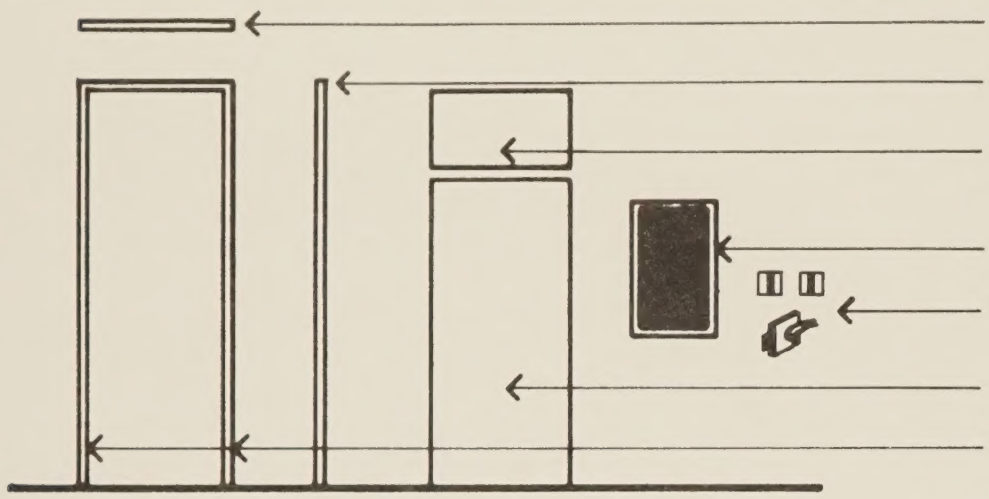
Data given in this document is applicable
to all selected components in this
category. It is supplemented by
manufacturers details given in their
product specifications.

The coding used is part of a data
co-ordination system based on the
CI/SfB system.

5

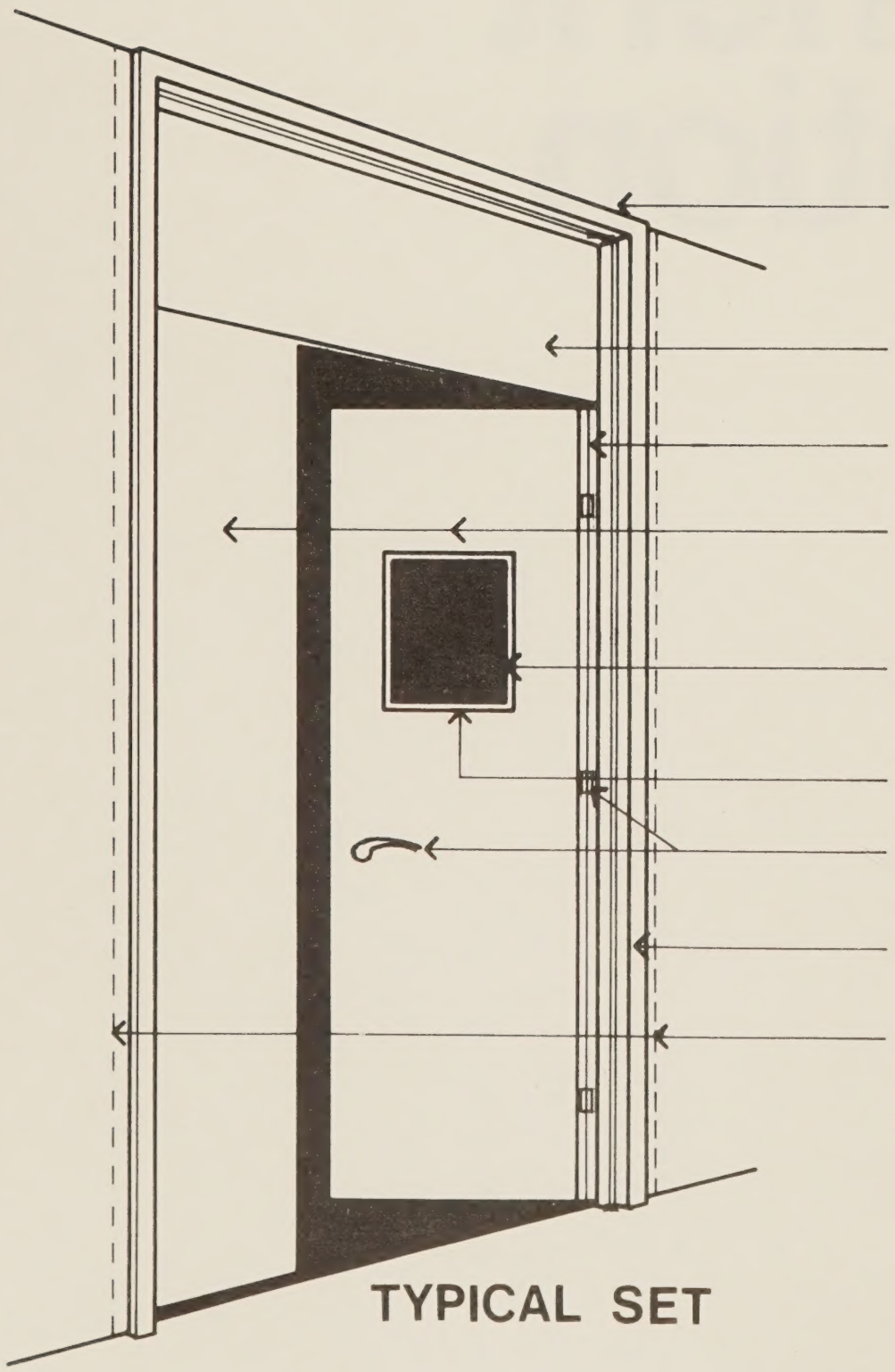
Component Description

6 Door set description


Compression seal and fixing device at ceiling level
Filler pieces (when required)
Solid or glazed overhead panel
Glass and glazing beads
Ironmongery set
Door leaf
Frame incorporating architrave

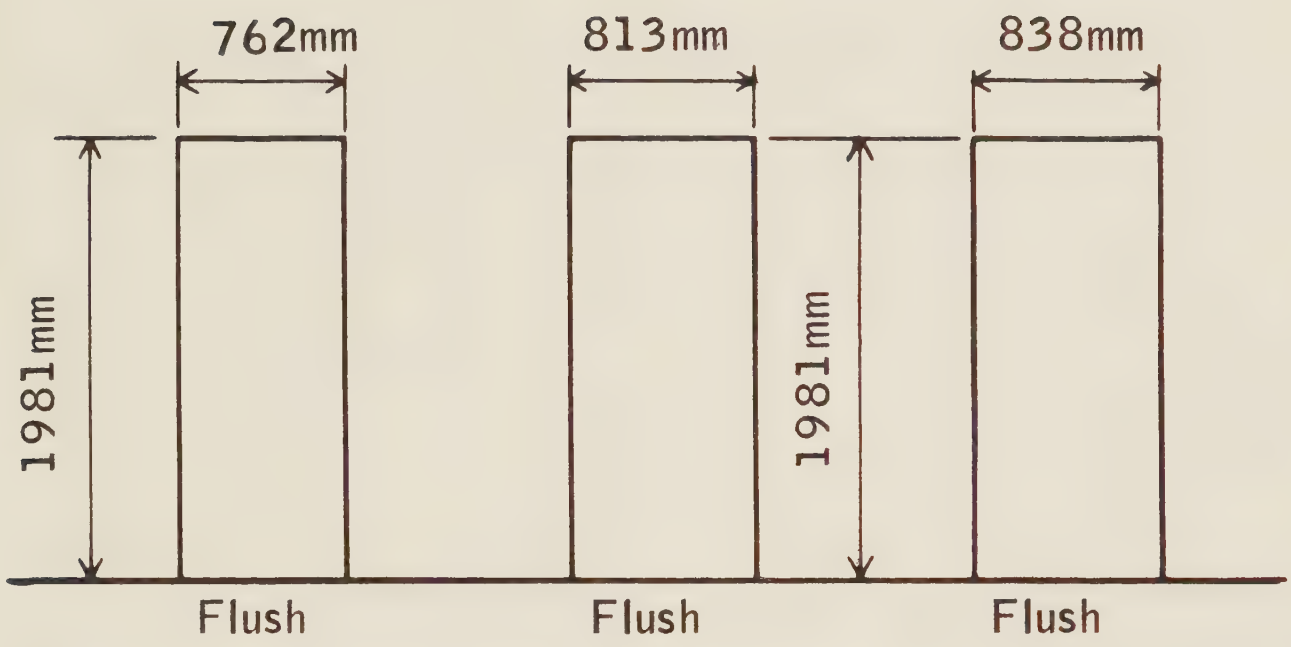
A complete door set comprises:

Door sets are provided by manufacturers as a finished unit for insertion into a prepared opening as shown in the sketch below

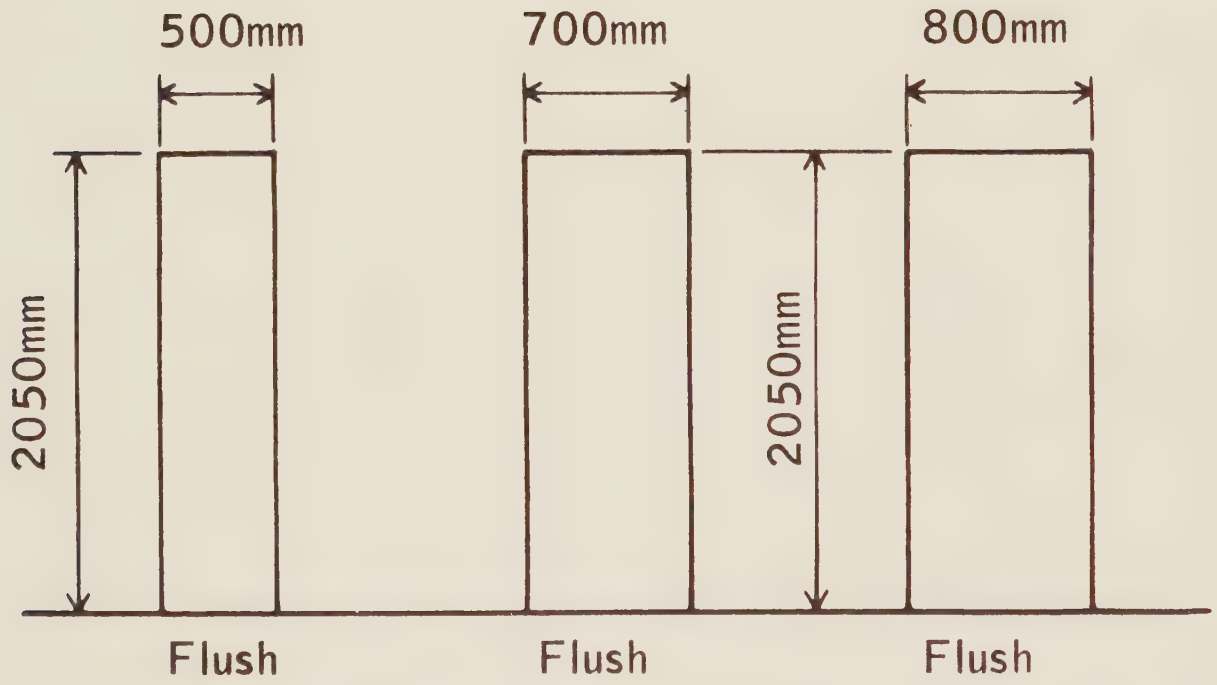

Compression seal and fixing device at ceiling level
Solid or glazed overhead panel
Door stop with draught seal
Door leaves
Vision panel with clear glass or observation panel with obscuring device
Glazing beads
Ironmongery set
Frame requiring no architrave
Filler pieces where required

TYPICAL SET

Dimensional discipline



Residential building leaves (Available as leaves only)
762mm, 813mm and 838mm wide leaves.*

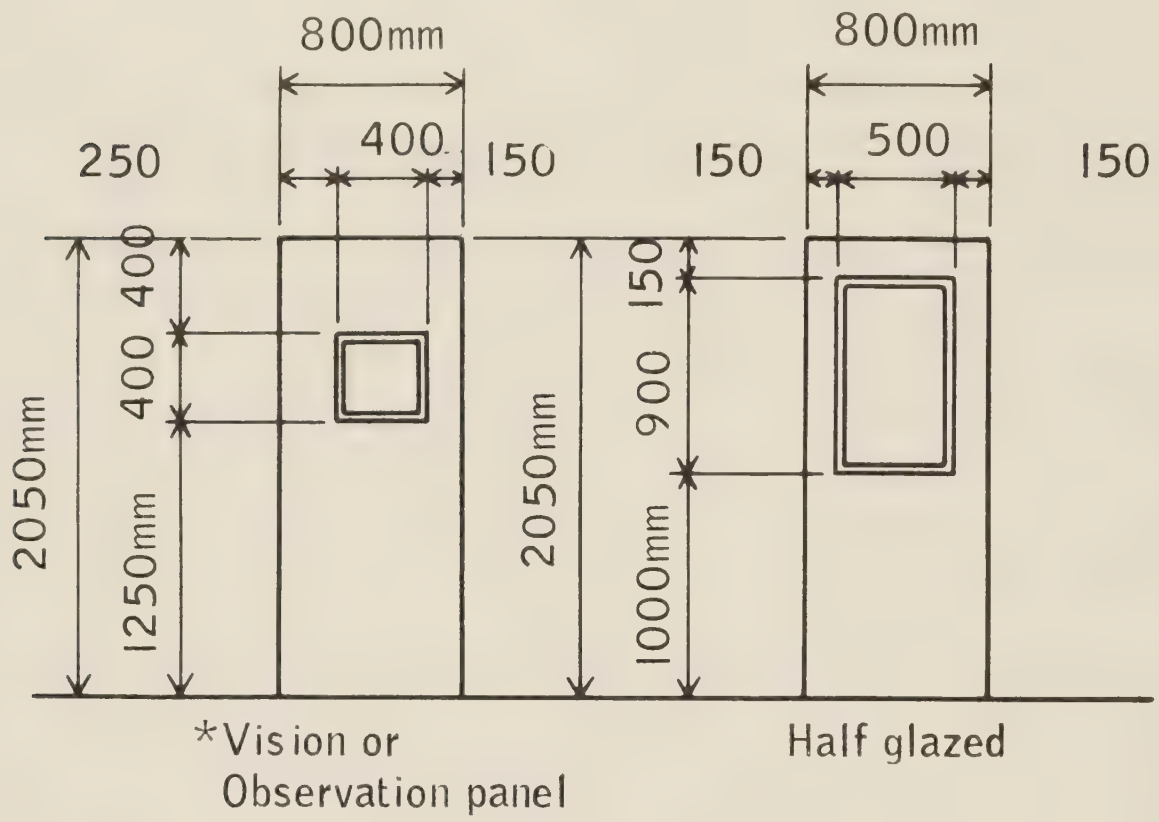


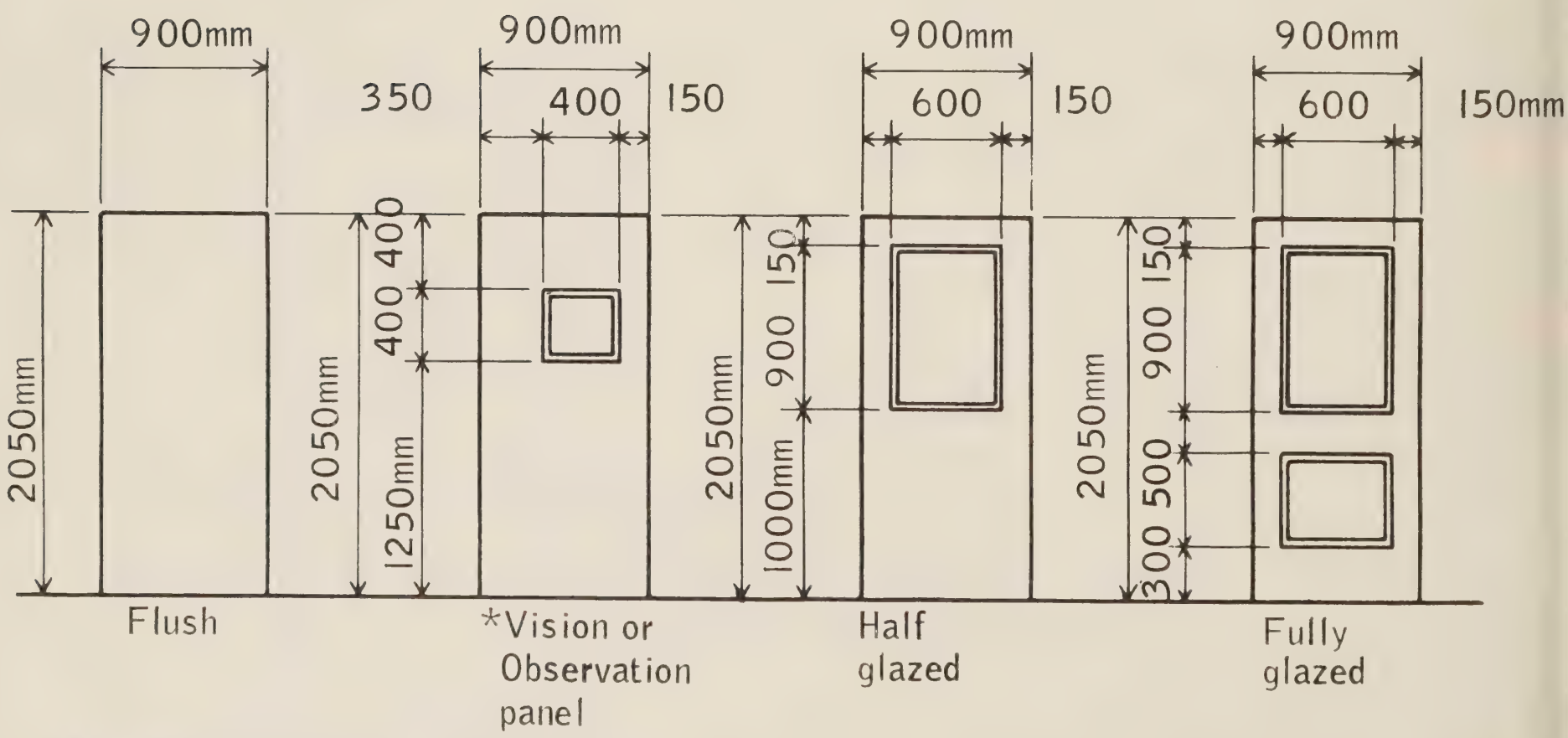
Health building leaves (Available as sets or leaves only)
500mm, 700mm and 800mm wide leaves.

* Information on doors to the new British Standard (B.S.4787 Part 1) will be issued when this is available.

Dimensional discipline

HEALTH BUILDING LEAVES (Available as sets or leaves only)
500mm, 700mm and 800mm wide leaves.



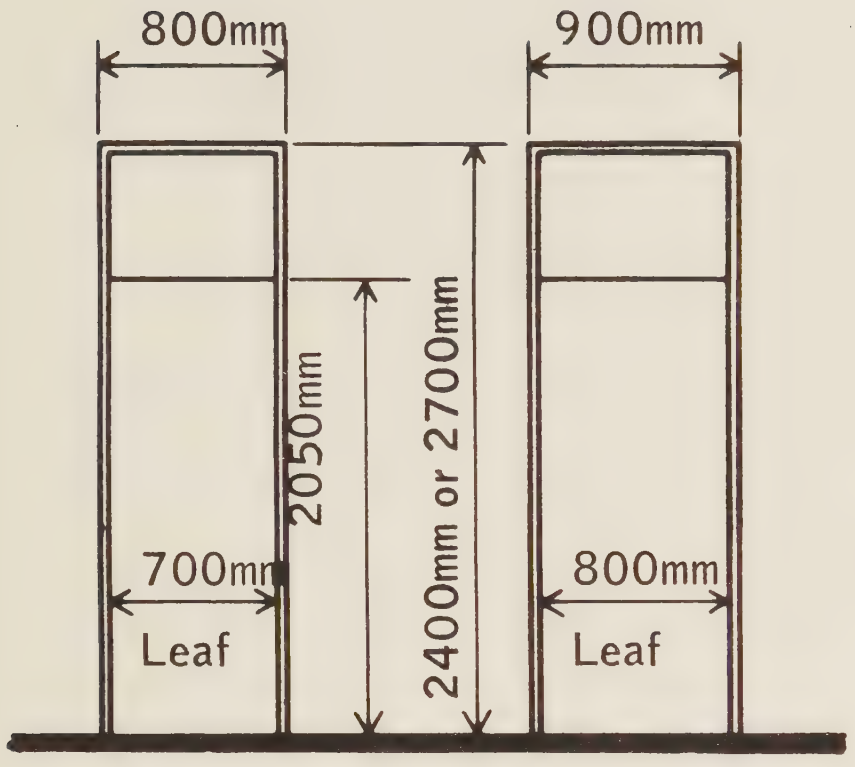


Health building leaves

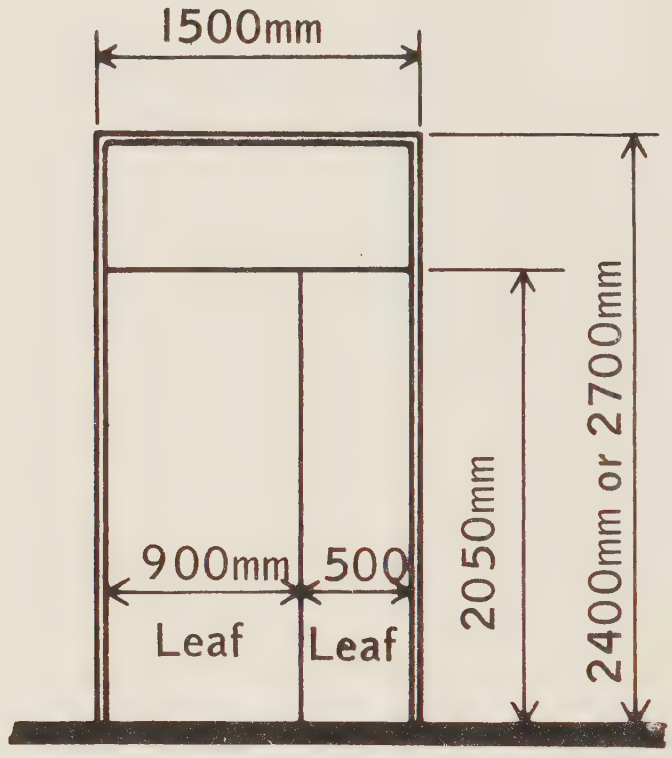
Vision panel has clear glass; Observation panel has obscuring device
900mm wide leaves.

Dimensional discipline

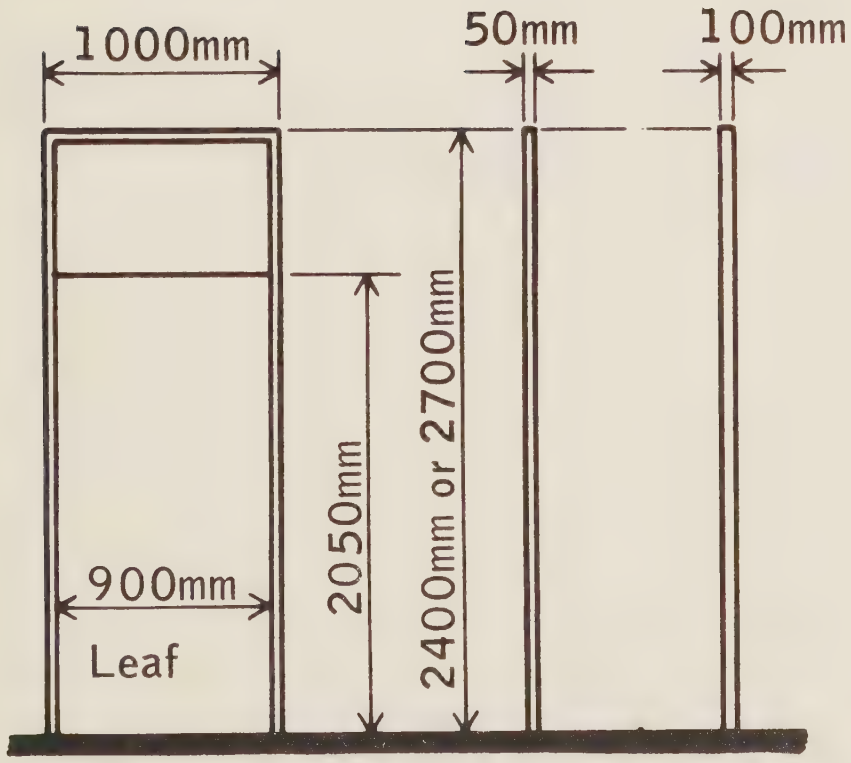
DOOR FRAMES
OVERHEAD PANELS AND
FILLER PIECES



Single doorsets

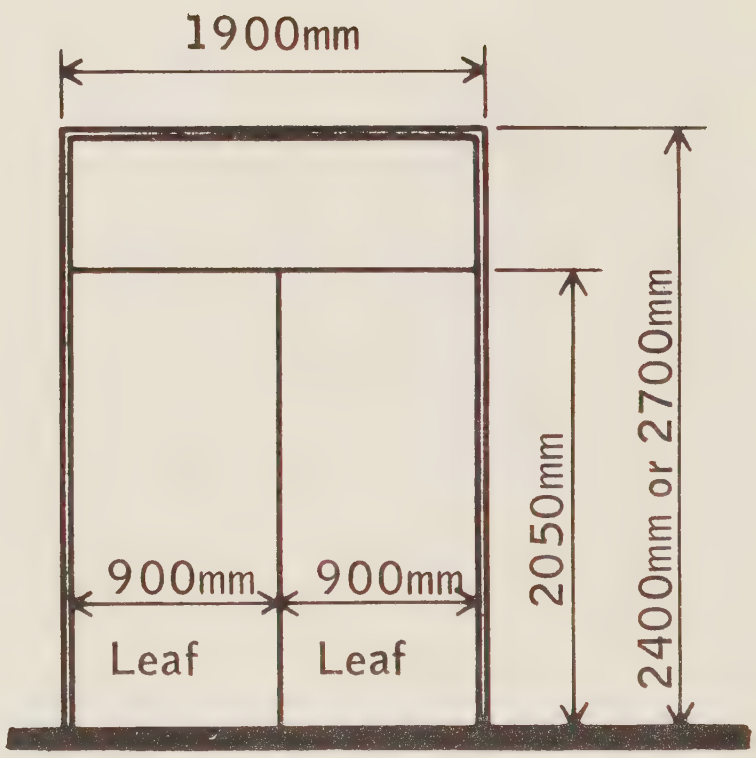


Door-and-a-half



Single doorset

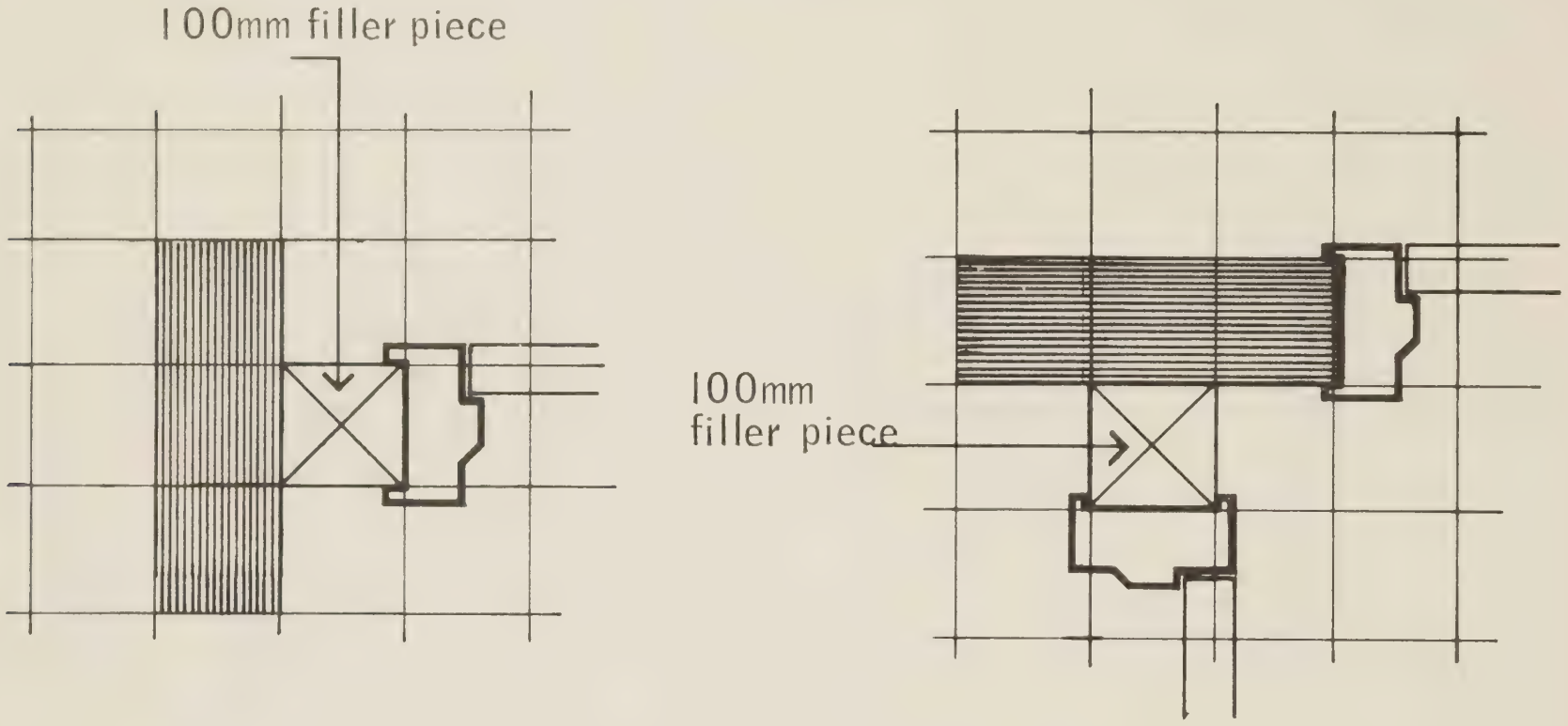
Filler pieces

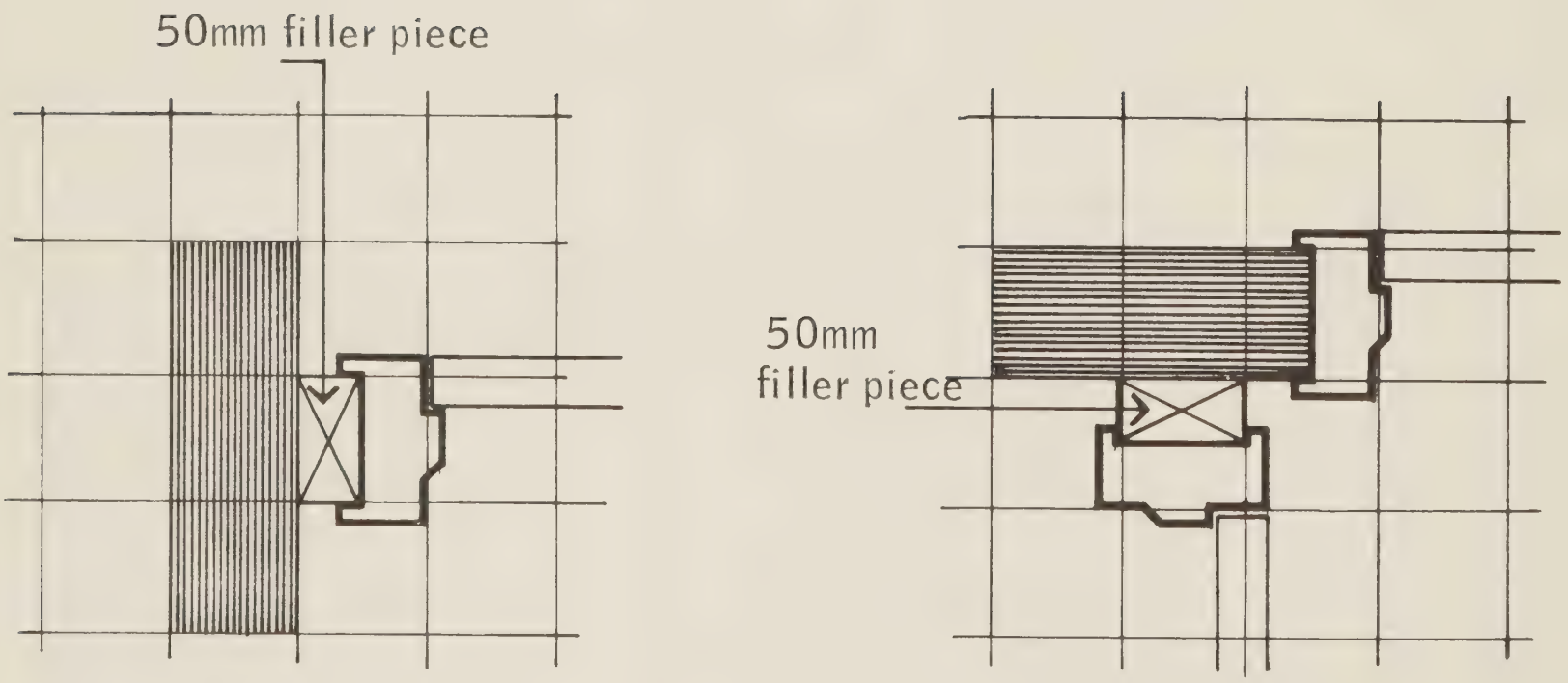


Double doorset

10

Dimensional discipline





USE OF FILLER PIECES

Ironmongery; sets

11

Ironmongery has been grouped into functional sets suitable for the majority of cases.
A complete breakdown of these sets is shown on page 44.

The complete range of ironmongery available from the selected manufacturers is as follows:

Rising Butts
Falling Butts
Lift-off Butts
Spring Hinges

Panic Latch
Mortice Latch
Cylinder Lock
Rim Budget lock

Lever Handles
Pull handles
Slidingdoor gear

W.C. indicator bolt
Panic bolt
Flush bolt
Necked bolt
Barrel bolt
Easy-clean type socket

Push Plate
Buffer Plate
Kicking Plate
Letter Plate

Single-action closer
Double-action closer and jamb pivot
Dictator closer

Friction stays

Door stops

Cabin hooks
Hat and coat hooks

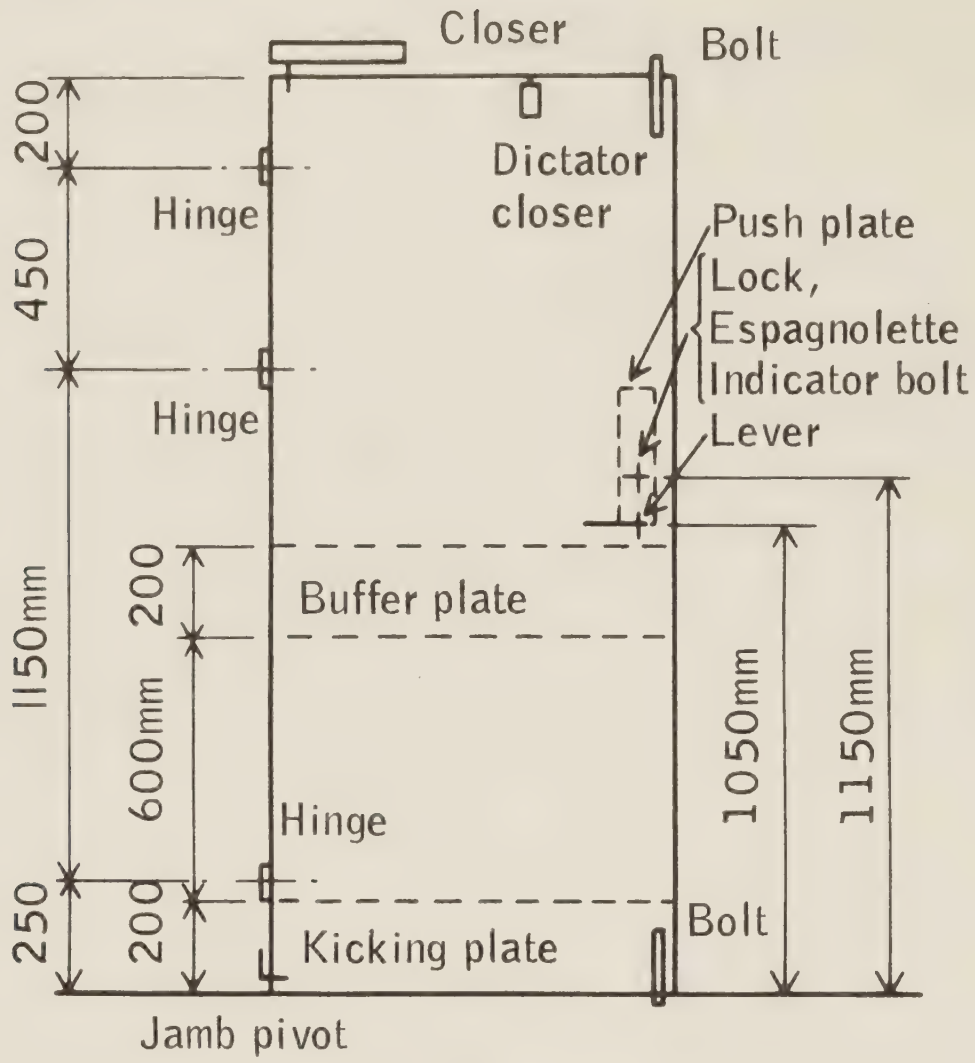
Thresold seals
Compression seal

Sundry Items:

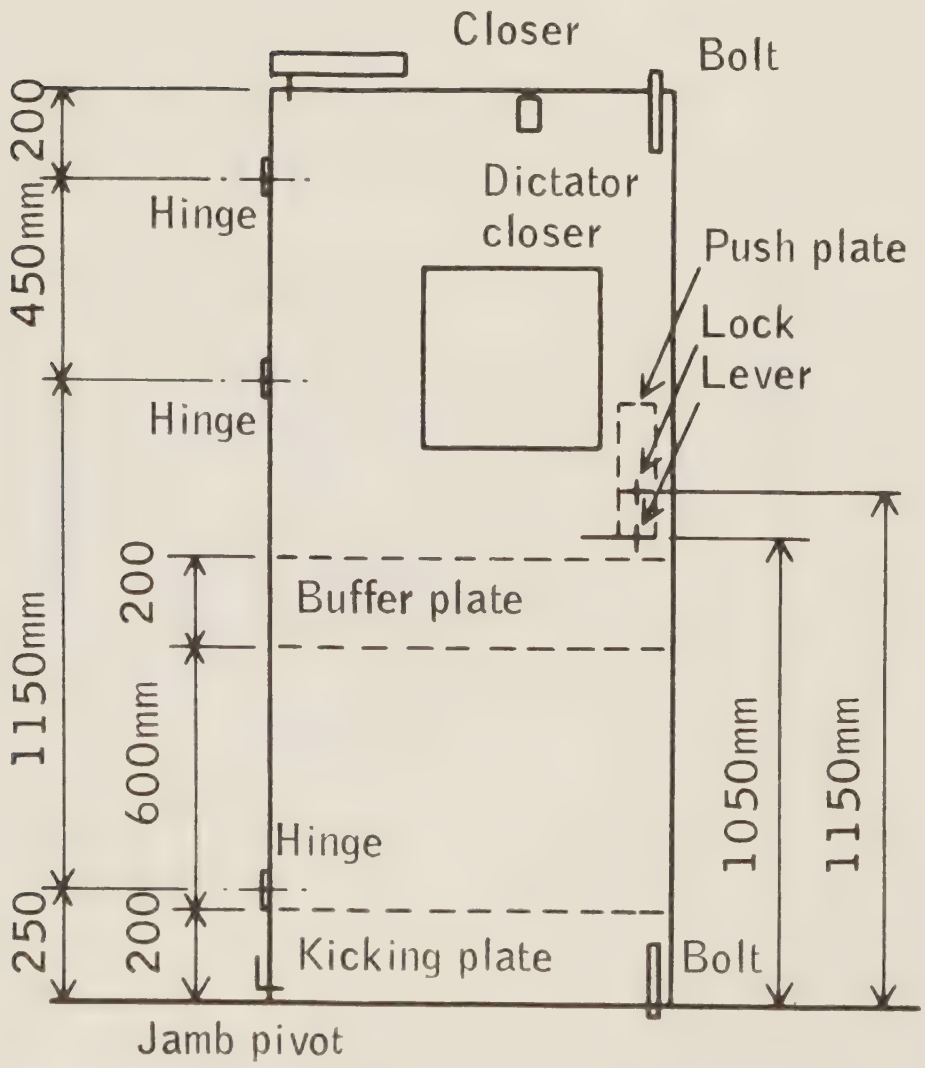
Broom holder
Toilet roll holder
Grab rails
Towel rails
Handrail brackets
Wall corner guards

Card frames

12 Dimensional discipline ironmongery fixing



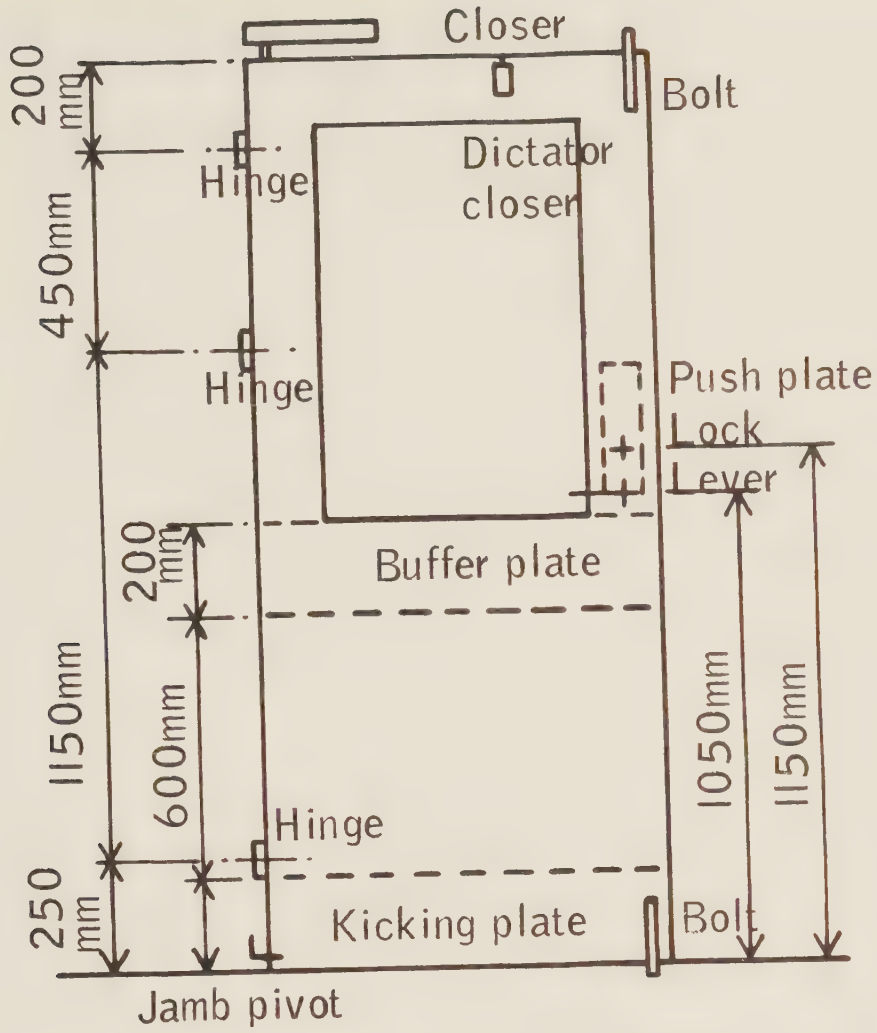
Flush door



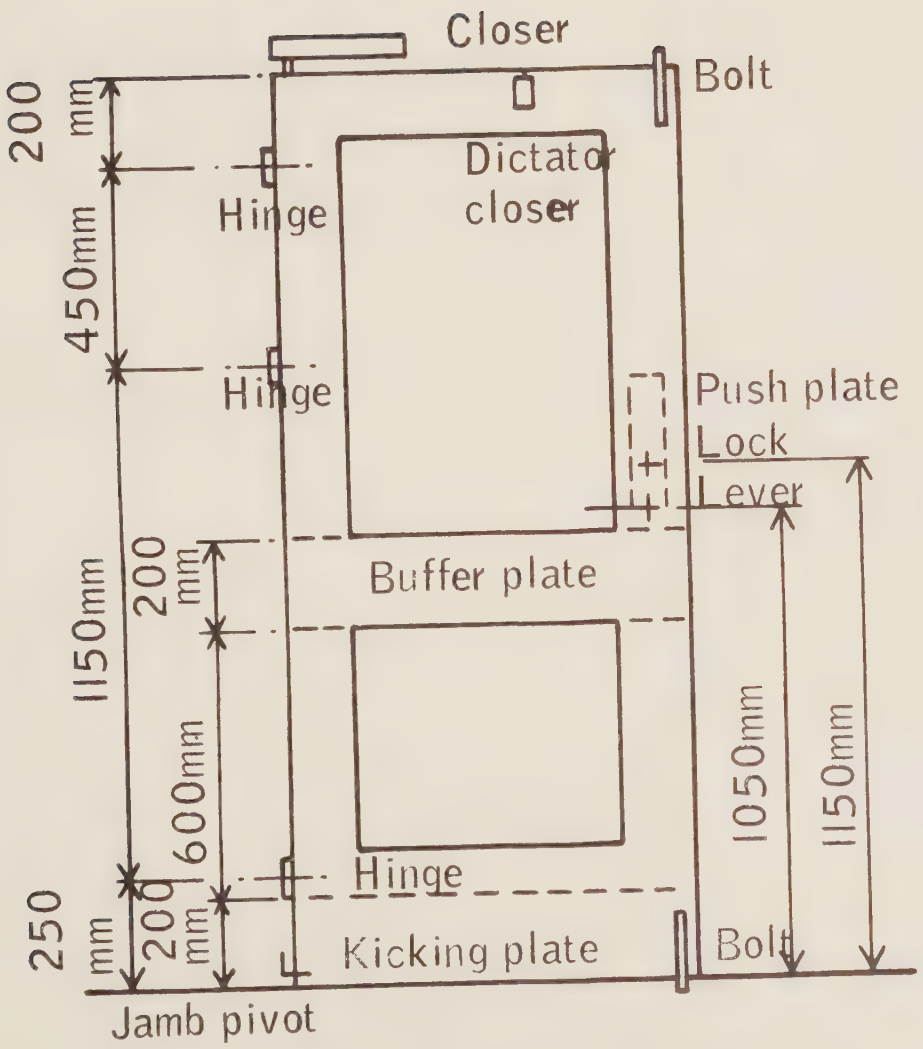
Door with vision panel or observation panel

Note: All dimensions are to the centre line of the ironmongery.

Dimensional discipline ironmongery fixing



Half glazed door



Fully glazed door

14 Performance standards

1·0
Shape.

Tolerances for deviation in overall shape will not exceed the following:

Cup and Bow:	Short edge	1.5mm
	Long edge	3.0mm
	Diagonal	4.0mm
Twist:	At any corner	3.0mm
Squareness:	in 500mm	0.75mm

1·2
Finishes.

Finishes available are:

(a) a melamine surface facing.

(b) a clear polyurethane or acid lacquer coatings.

(c) knotted, primed, stopped and painted one undercoat only to receive site applied paint finish by others.

1·3
Door sets are designed so that their performance be unimpaired when subjected to hygro-thermal movement as experienced in Health buildings.

1·4
Strength Properties.

Door sets have been designed in accordance with methods of testing and assessment for impactation as laid down by the DHSS.

1·5
Glazing.

Door glazing has a light transmission factor of not less than the following values:

a.	Clear transparent	85%
b.	Obscure	75%

1·6
Fire check doorsets have the following periods of fire resistance:

a.	Passage of flame	1 hour.
b.	Collapse	1 hour.
c.	Soundproofing material	15 minutes.

1·7
Surface treatments are in accordance with finishes tests as developed by the Furniture Industries Research Association.

1·8
Ironmongery has been selected for:

a. Clean simple lines and be capable of easy operation.
b. Minimal projections and recesses that can harbour dirt and bacteria.
c. Simplicity in overall design in order to minimise drilling and cutting of components to which they are attached.

For detailed information, the User should refer to the Manufacturers Product Specification.

Accessories

15

The selected ironmongery suppliers offer the following items of ironmongery in addition to the ironmongery sets for use with doors.

1 DOOR STOPS (for wall or floor mounting)
2 HAT & COAT HOOKS
3 BROOM HOLDERS
4 TOILET ROLL HOLDERS
5 GRAB RAILS
6 TOWEL RAILS
7 HANDRAIL BRACKETS
8 WALL CORNER GUARDS
9 CARD FRAMES
10 THRESHOLD SEALS
11 COMPRESSION SEALS (for sound, smoke or light traps)

The range of door sets does not attempt to include 'special' doors. The user should consult the selected manufacturer in respect of flexible doors, soundproof doors, radiation proof doors etc.

16

Use

17

Use selection

The following selection sequence is suggested. It relates to the use of the coded information on the pages as shown:-

item	selection sequence	choice	page
1	DOOR SET CODE Determine the required set	(i) Sets in softwood frames (ii) Sets in hardwood frame (iii) Sets in plastic frame (iv) Half hour fire-check sets (v) One hour fire-check sets	24 - 27 28 - 31 32 - 33 34 - 37 38
2	Determine swing of door leaf/leaves	Single swing or double swing	
3	Determine leaf/leaves	Single leaf or double leaves	
	By following procedure in items 1, 2 and 3 the correct page is selected		
4	On the selected page reading down the column. Select width and type of door	700 mm/800mm/900mm flush 800mm/900mm with vision panel 800mm/900mm with observation panel 800mm/900mm half glazed 800mm/900mm fully glazed	
5	Select finish of door	Painted/Polished/Melamine	
	By following procedures 4 and 5 the correct line is selected.		
6	Select the required height of door set	2400mm or 2700mm	
7	Select the type of overhead panel	Solid or glazed	
	By following procedues 6 and 7 the correct colum is selected		
8	Read across and down to obtain the appropriate code for the door set	Six facet code (32....)	
9	IRONMONGERY CODE Determine the ironmongery set	Appropriate to door type, finish	26
10	Determine hand of door leaf/leaves and select appropriate code and add in.	Six facet code left hand (32U..A) or right hand (32U..B)	27

The procedue enables the correct code for the door set and the ironmongery set to be achieved for the production data.

Detail use

18

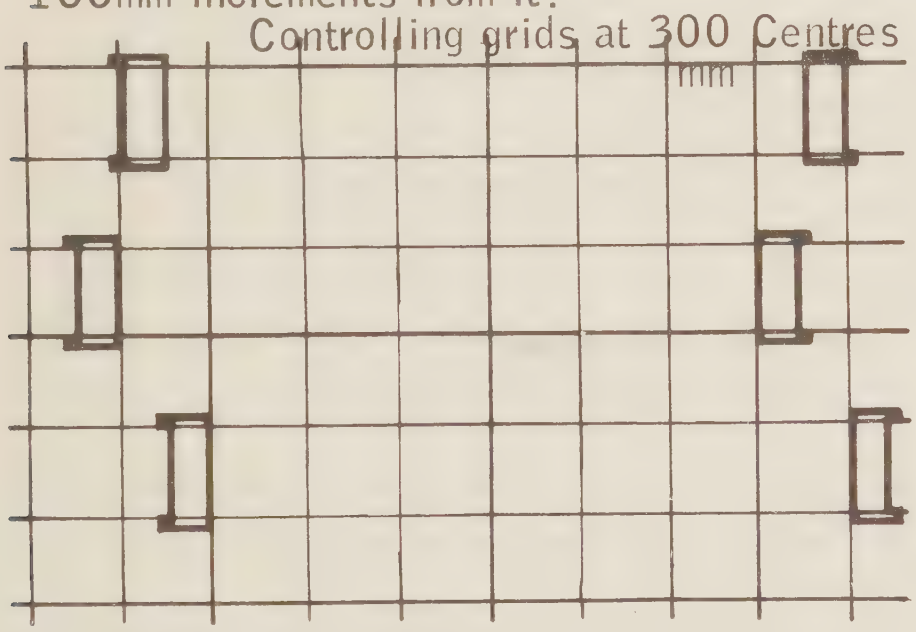
Health Service Design Note No. 5 "Co-ordination of components for Health Buildings and Space Data" gives information about the horizontal and vertical controlling dimensions and the location of components.

This section brings together some of the details in Note No. 5 with the data on door sets in this document.

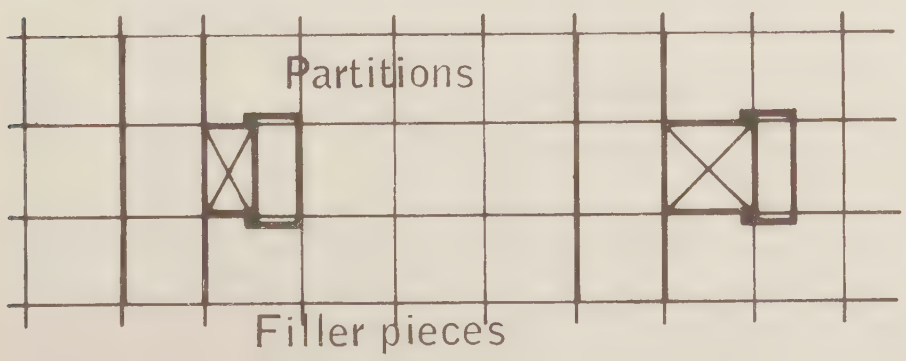
Design stage

This figure illustrates typical relationships where door sets are located at the controlling grid or 100mm from it in the line of the partition.

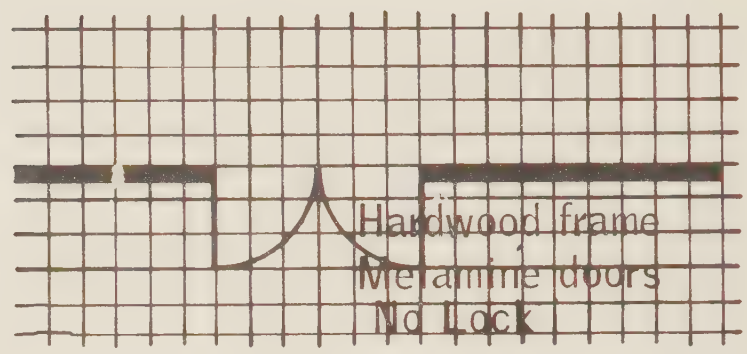
Door set ends preferably are located at the controlling grid or at 50mm or 100mm increments from it.



The figure below illustrates a door set which is at right angles to a partition and will require a 50mm or 100mm filler piece. It is strongly recommended that filler pieces should be designed out as far as possible.



It is recommemded that at the design stage in conjunction with room data sheets, information on the details of the door leaf and ironmongery are written in full e.g.

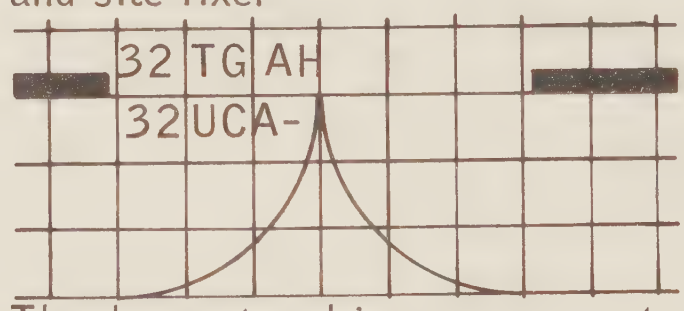


This is completion of design stage

PRODUCTION DOCUMENTATION

Production documentation

The figure below shows that the 'full' information on sketch plans has been resolved into coded data for processing by the manufacturer and site fixer



The door set and ironmongery set are coded separately as shown above. (32TGAH is the door information and 32UCA - is the ironmongery and door hand information).

19

Selection

20

Coding conventions

The coding for doorsets is based on a six-facet alphanumeric code. Two figures are followed by four letters.
e.g. 31ABAA. The figures are CI/SfB numbers.*

Each of the four letters has a different meaning by sequence in the series.

This information is given for explanatory purposes only.

No attempt should be made to extend the range of coded items.

Range selection

21

This page shows in detail where the co-ordinated components can be found

DOOR SETS	Page
Softwood frame, single leaf, single swing	24
" " two leaves, " "	25
" " single leaf, double "	26
" " two leaves, " "	27
Hardwood frame, single leaf, single swing	28
" " two leaves, " "	29
" " single leaf, double "	30
" " two leaves, " "	31
Plastic frame, single leaf, single and double swing	32
" " two leaves, " " " "	33
Half-hour fire-check door set:	34 - 37
Hardwood frame: single leaf, single swing	34
" " two leaves, " "	35
" " single leaf, double "	36
" " two leaves, " "	37
One-hour fire-check door set:	
Hardwood frame, single leaf, single swing	38
DOOR LEAF/LEAVES	
Single and double leaves, single swing	40
" " " " double "	42
Half-hour fire-check door leaf/leaves:	
Single and double leaves, single swing	42
" " " " double "	43
One-hour fire-check door leaf:	
Single leaf, single swing	44
IRONMONGERY SETS	45
FILLER PIECES	46

22

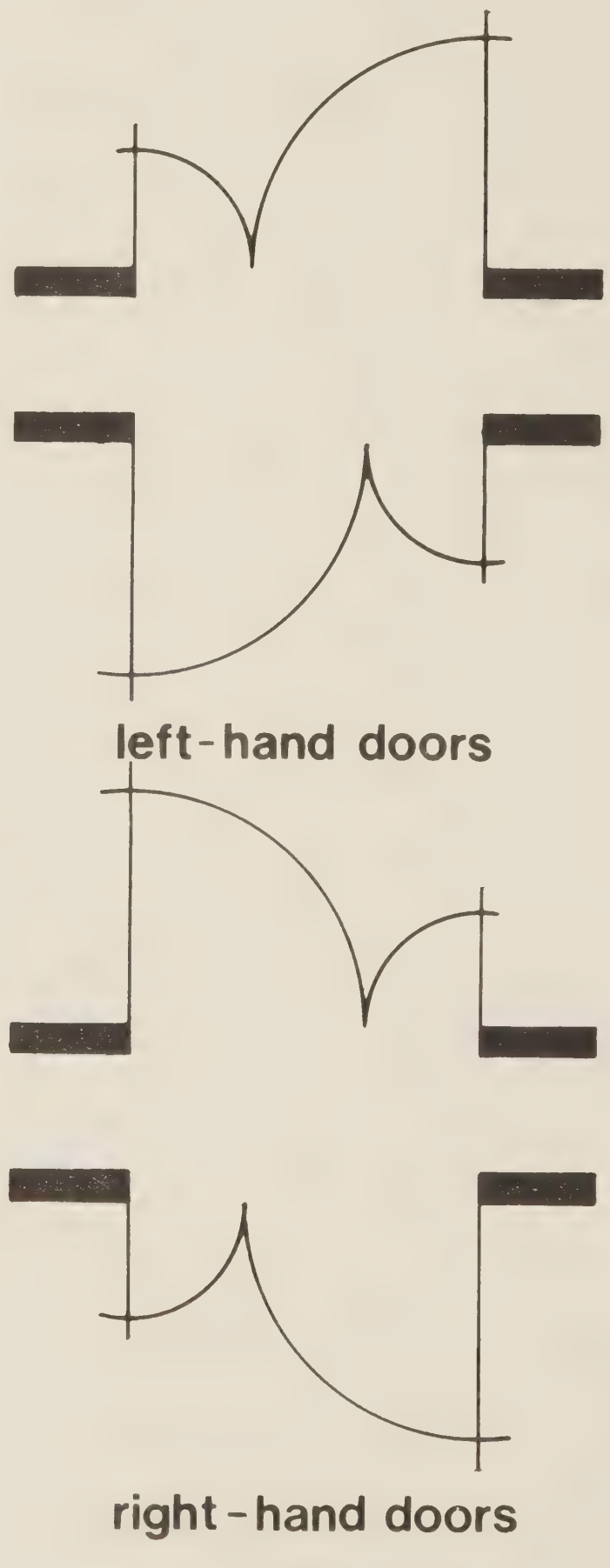
Selection door handing

The door handing is part of the code. Handing of the door leaf is determined by the position of the hing viewed from the pivot end of the hinge.

Double doors, i.e. 900mm + 900mm wide door leaves need no instructions about handing.

Single leaf or two leaves double swing doors need no instructions about handing.

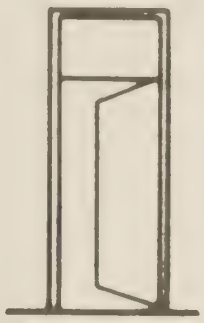
Door-and-a-half, i.e. 900mm + 500mm wide leaves are handed by stating the handing of the larger leaf.



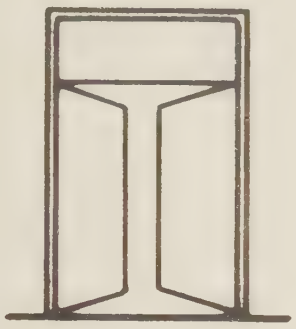
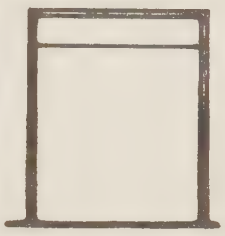
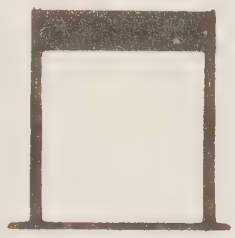
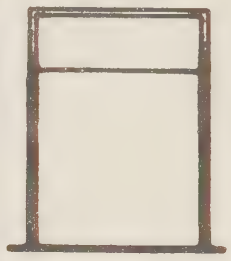
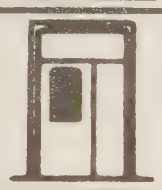
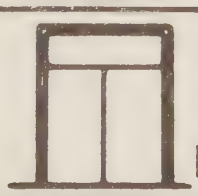
23

24

Door sets softwood frame single swing

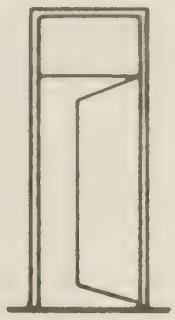
 single swing leaves		CODES			
		2400 high		2700 high	
		solid	glazed	solid	glazed
700mm Flush	Painted Polished Melamine	32VGFA 32VGFD 32VGFG	32VHFA 32VHFD 32VHFG	32VGHA 32VGHD 32VGHG	32VHHA 32VHHD 32VHHG
800mm Flush	Painted Polished Melamine	32BGFA 32BGFD 32BGFG	32BHFA 32BHFD 32BHFG	32BGHA 32BGHD 32BGHG	32BHHA 32BHHD 32BHHG
800mm Vision Panel	Painted Polished Melamine	32WGFB 32WGFE 32WGFH	32WHFB 32WHFE 32WHFH	32WGHB 32WGHE 32WGHH	32WHHB 32WHHE 32WHHH
800mm Observation Panel	Painted Polished Melamine	32WGFC 32WGFF 32WGFI	32WHFC 32WHFF 32WHFI	32WGHC 32WGHF 32WGHI	32WHHC 32WHHF 32WHHI
800mm Half Glazed	Painted Polished Melamine	32CGFB 32CGFE 32CGFH	32CHFB 32CHFE 32CHFH	32CGHB 32CGHE 32CGHH	32CHHB 32CHHE 32CHHH
900mm Flush	Painted Polished Melamine	32EGFA 32EGFD 32EGFG	32EHFA 32EHFD 32EHFG	32EGHA 32EGHD 32EGHG	32EHHA 32EHHD 32EHHG
900mm Vision Panel	Painted Polished Melamine	32HGFB 32HGFE 32HGFH	32HHFB 32HHFE 32HHFH	32HGHB 32HGHE 32HGHH	32HHHB 32HHHE 32HHHH
900mm Observation Panel	Painted Polished Melamine	32HGFC 32HGFF 32HGFI	32HHFC 32HHFF 32HHFI	32HGHC 32HGHF 32HGHI	32HHHC 32HHHF 32HHHI
900mm Half Glazed	Painted Polished Melamine	32FGFB 32FGFE 32FGFH	32FHFB 32FHFE 32FHFH	32FGHB 32FGHE 32FGHH	32FHHB 32FHHE 32FHHH
900mm Fully Glazed	Polished	32GGFQ	32GHFQ	32GGHQ	32GHHQ

Door sets softwood frame single swing

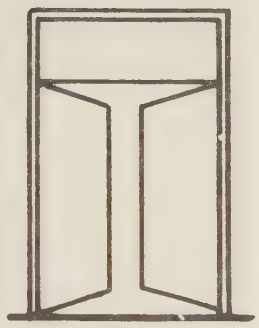
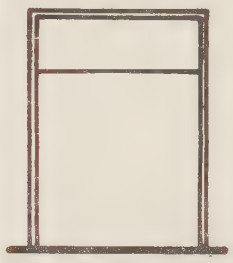
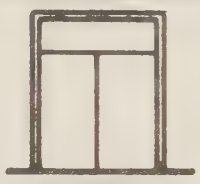
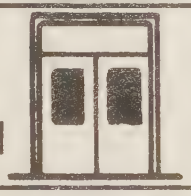
 single swing leaves			CODES			
			2400 high		2700 high	
			solid 	glazed 	solid 	glazed
900mm + 500mm Flush		Painted Polished Melamine	32IGFA 32IGFD 32IGFG	32IHFA 32IHFD 32IHFG	32IGHA 32IGHD 32IGHG	32IHHA 32IHHD 32IHHG
900mm + 500mm Vision Panel		Painted Polished Melamine	32LGFB 32LGFE 32LGFH	32LHFB 32LHFE 32LHFH	32LGHB 32LGHE 32LGHH	32LHHB 32LHHE 32LHHH
900mm + 500mm Observation Panel		Painted Polished Melamine	32LGFC 32LGFF 32LGFI	32LHFC 32LHFF 32LHFI	32LGHC 32LGHF 32LGHI	32LHHC 32LHHF 32LHHI
900mm + 500mm Half Glazed		Painted Polished Melamine	32JGFB 32JGFE 32JGFH	32JHFB 32JHFE 32JHFH	32JGHB 32JGHE 32JGHH	32JHHB 32JHHE 32JHHH
900mm + 500mm Fully Glazed		Polished	32KGFQ	32KHFQ	32KGHQ	32KHHQ
900mm + 900mm Flush		Painted Polished Melamine	32QGFA 32QGFD 32QGFG	32QHFA 32QHFD 32QHFG	32QGHA 32QGHD 32QGHG	32QHHA 32QHHD 32QHHG
900mm + 900mm Vision Panel		Painted Polished Melamine	32TGFB 32TGFE 32TGFH	32THFB 32THFE 32THFH	32TGHB 32TGHE 32TGHH	32THHB 32THHE 32THHH
900mm + 900mm Observation Panel		Painted Polished Melamine	32TGFC 32TGFF 32TGFI	32THFC 32THFF 32THFI	32TGHC 32TGHF 32TGHI	32THHC 32THHF 32THHI
900mm + 900mm Half Glazed		Painted Polished Melamine	32RGFB 32RGFE 32RGFH	32RHFB 32RHFE 32RHFH	32RGHB 32RGHE 32RGHH	32RHHB 32RHHE 32RHHH
900mm + 900mm Fully Glazed		Polished	32SGFQ	32SHFQ	32SGHQ	32SHHQ

26

Door sets softwood frame double swing

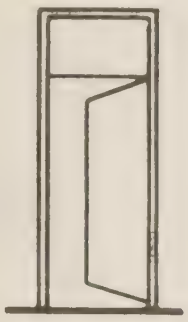
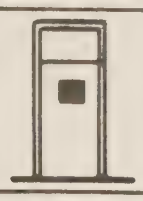
 double swing leaf		CODES			
		2400 high		2700 high	
		solid	glazed	solid	glazed
700mm Flush	Painted Polished Melamine	32VDFA 32VDFD 32VDFG	32VEFA 32VEFD 32VEFG	32VDHA 32VDHD 32VDHG	32VEHA 32VEHD 32VEHG
800mm Flush	Painted Polished Melamine	32BDFA 32BDFD 32BDFG	32BEFA 32BEFD 32BEFG	32BDHA 32BDHD 32BDHG	32BEHA 32BEHD 32BEHG
800mm Vision Panel	Painted Polished Melamine	32WDFB 32WDFE 32WDFH	32WEFB 32WEFE 32WEFH	32WDHB 32WDHE 32WDHH	32WEHB 32WEHE 32WEHH
800mm Observation Panel	Painted Polished Melamine	32WDFC 32WDFF 32WDFI	32WEFC 32WEFF 32WEFI	32WDHC 32WDHF 32WDHI	32WEHC 32WEHF 32WEHI
800mm Half Glazed	Painted Polished Melamine	32CDFB 32CDFE 32CDFH	32CEFB 32CEFE 32CEFH	32CDHB 32CDHE 32CDHH	32CEHB 32CEHE 32CEHH
900mm Flush	Painted Polished Melamine	32EDFA 32EDFD 32EDFG	32EEFA 32EEFD 32EEFG	32EDHA 32EDHD 32EDHG	32EEHA 32EEHD 32EEHG
900mm Vision Panel	Painted Polished Melamine	32HDFB 32HDFE 32HDFH	32HEFB 32HEFE 32HEFH	32HDHB 32HDHE 32HDHH	32HEHB 32HEHE 32HEHH
900mm Observation Panel	Painted Polished Melamine	32HDFC 32HDFF 32HDFI	32HEFC 32HEFF 32HEFI	32HDHC 32HDHF 32HDHI	32HEHC 32HEHF 32HEHI
900mm Half Glazed	Painted Polished Melamine	32FDFB 32FDFE 32FDFH	32FEFB 32FEFE 32FEFH	32FDHB 32FDHE 32FDHH	32FEHB 32FEHE 32FEHH
900mm Fully Glazed	Polished	32GDFQ	32GEFQ	32GDHQ	32GEHQ

Door sets softwood frame double swing

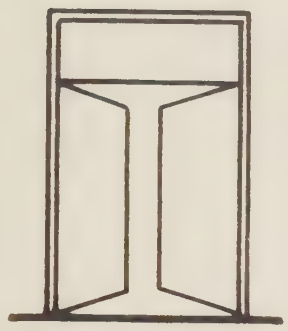
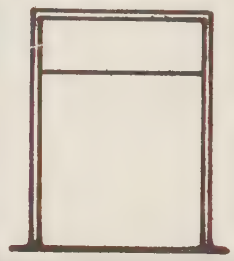
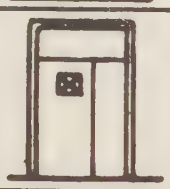
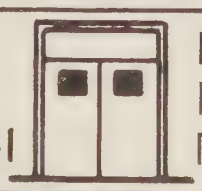
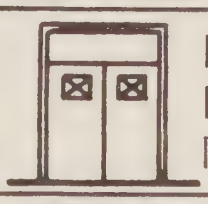
 double swing leaves		CODES			
		2400 high		2700 high	
		solid	glazed	solid 	glazed
900mm + 900mm Flush 	Painted	32QDFA	32QEFA	32QDHA	32QEHA
	Polished	32QDFD	32QEFD	32QDHD	32QEHD
	Melamine	32QDFG	32QEFG	32QDHG	32QEHG
900mm + 900mm Vision Panel	Painted	32TDFB	32TEFB	32TDHB	32TEHB
	Polished	32TDFE	32TEFE	32TDHE	32TEHE
	Melamine	32TDFH	32TEFH	32TDHH	32TEHH
900mm + 900mm Observation Panel	Painted	32TDFC	32TEFC	32TDHC	32TEHC
	Polished	32TDFF	32TEFF	32TDHF	32TEHF
	Melamine	32TDFI	32TEFI	32TDHI	32TEHI
900mm + 900mm Half Glazed 	Painted	32RDFB	32REFB	32RDHB	32REHB
	Polished	32RDFE	32REFE	32RDHE	32REHE
	Melamine	32RDFH	32REFH	32RDHH	32REHH
900mm + 900mm Fully Glazed	Polished	32SDFQ	32SEFQ	32SDHQ	32SEHQ

28

Door sets hardwood frame single swing

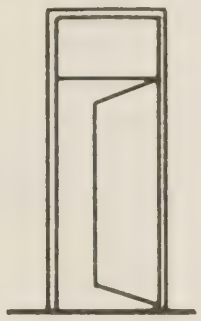
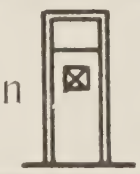
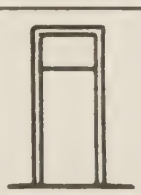
 single swing leaf		CODES			
		2400 high		2700 high	
		solid	glazed	solid	glazed
700mm Flush	Painted Polished Melamine	32VGAA 32VGAD 32VGAG	32VHAA 32VHAD 32VHAG	32VGCA 32VGCD 32VGCG	32VHCA 32VHCD 32VHCG
800mm Flush	Painted Polished Melamine	32BGAA 32BGAD 32BGAG	32BHAA 32BHAD 32BHAG	32BGCA 32BGCD 32BGCG	32BHCA 32BHCD 32BHCG
800mm Vision Panel	Painted Polished Melamine	32WGAB 32WGAE 32WGAH	32WHAB 32WHAE 32WHAH	32WGCB 32WGCE 32WGCH	32WHCB 32WHCE 32WHCH
800mm Observation Panel	Painted Polished Melamine	32WGAC 32WGAF 32WGAI	32WHAC 32WHAF 32WHAI	32WGCC 32WGCF 32WGCI	32WHCC 32WHCF 32WHCI
800mm Half Glazed	Painted Polished Melamine	32CGAB 32CGAE 32CGAH	32CHAB 32CHAE 32CHAH	32CGCB 32CGCE 32CGCH	32CHCB 32CHCE 32CHCH
900mm Flush	Painted Polished Melamine	32EGAA 32EGAD 32EGAG	32EHAA 32EHAD 32EHAG	32EGCA 32EGCD 32EGCG	32EHCA 32EHCD 32EHCG
900mm Vision Panel 	Painted Polished Melamine	32HGAB 32HGAE 32HGAH	32HHAB 32HHAE 32HHAH	32HGCB 32HGCE 32HGCH	32HHCB 32HHCE 32HHCH
900mm Observation Panel	Painted Polished Melamine	32HGAC 32HGAF 32HGAI	32HHAC 32HHAF 32HHAI	32HGCC 32HGCF 32HGCI	32HHCC 32HHCF 32HHCI
900mm Half Glazed	Painted Polished Melamine	32FGAB 32FGAE 32FGAH	32FHAB 32FHAE 32FHAH	32FGCB 32FGCE 32FGCH	32FHCB 32FHCE 32FHCH
900mm Fully Glazed	Polished	32GGAQ	32GHAQ	32GGCQ	32GHCQ

Door sets hardwood frame single swing

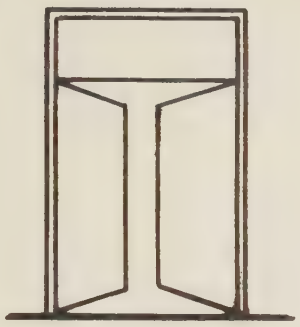
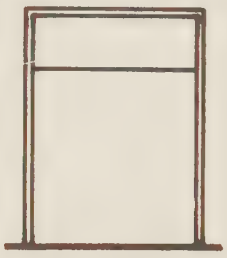
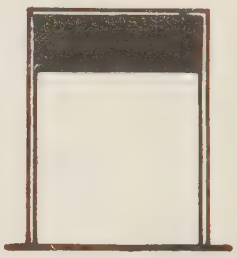
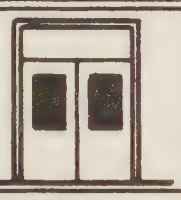
 single swing leaves		CODES			
		2400 high		2700 high	
		solid	glazed	solid 	glazed
900mm + 500mm Flush	Painted Polished Melamine	32IGAA 32IGAD 32IGAG	32IHAA 32IHAD 32IHAG	32IGCA 32IGCD 32IGCG	32IHCA 32IHCD 32IHCG
900mm + 500mm Vision Panel	Painted Polished Melamine	32LGAB 32LGAE 32LGAH	32LHAB 32LHAE 32LHAH	32LGCB 32LGCE 32LGCH	32LHCB 32LHCE 32LHCH
900mm + 500mm Observation Panel 	Painted Polished Melamine	32LGAC 32LGAF 32LGAI	32LHAC 32LHAF 32LHAI	32LGCC 32LGCF 32LGCI	32LHCC 32LHCF 32LHCI
900mm + 500mm Half Glazed	Painted Polished Melamine	32JGAB 32JGAE 32JGAH	32JHAB 32JHAE 32JHAH	32JGCB 32JGCE 32JGCH	32JHCB 32JHCE 32JHCH
900mm + 500mm Fully Glazed	Polished	32KGAQ	32KHAQ	32KGCQ	32KHCQ
900 mm + 900 mm Flush	Painted Polished Melamine	32QGAA 32QGAD 32QGAG	32QHAA 32QHAD 32QHAG	32QGCA 32QGCD 32QGCG	32QHCA 32QHCD 32QHCG
900mm + 900mm Vision Panel 	Painted Polished Melamine	32TGAB 32TGAE 32TGAH	32THAB 32THAE 32THAH	32TGCB 32TGCE 32TGCH	32THCB 32THCE 32THCH
900mm + 900mm Observation Panel 	Painted Polished Melamine	32TGAC 32TGAF 32TGAI	32THAC 32THAF 32THAI	32TGCC 32TGCF 32TGCI	32THCC 32THCF 32THCI
900mm + 900mm Half Glazed	Painted Polished Melamine	32RGAB 32RGAE 32RGAH	32RHAB 32RHAE 32RHAH	32RGCB 32RGCE 32RGCH	32RHCB 32RHCE 32RHCH
900mm + 900mm Fully Glazed	Polished	32SGAQ	32SHAQ	32SGCQ	32SHCQ

30

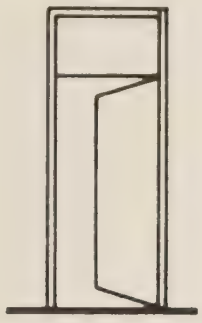
Door sets hardwood frame double swing

 double swing leaf			CODES			
			2400 high		2700 high	
			solid	glazed	solid	glazed
700mm Flush		Painted Polished Melamine	32VDAA 32VDAD 32VDAG	32VEAA 32VEAD 32VEAG	32VDCA 32VDCD 32VDCG	32VECA 32VECD 32VECG
800mm Flush		Painted Polished Melamine	32BDAA 32BDAD 32BDAG	32BEAA 32BEAD 32BEAG	32BDCA 32BDCD 32BDCG	32BECA 32BECD 32BECG
800mm Vision Panel		Painted Polished Melamine	32WDAB 32WDAE 32WDAH	32WEAB 32WEAE 32WEAH	32WDCB 32WDCE 32WDCH	32WECB 32WECE 32WECH
800mm Observation Panel		Painted Polished Melamine	32WDAC 32WDAF 32WDAI	32WEAC 32WEAF 32WEAI	32WDCC 32WDCF 32WDCI	32WECC 32WECF 32WECI
800mm Half Glazed		Painted Polished Melamine	32CDAB 32CDAE 32CDAH	32CEAB 32CEAE 32CEAH	32CDCB 32CDCE 32CDCH	32CECB 32CECE 32CECH
900mm Flush		Painted Polished Melamine	32EDAA 32EDAD 32EDAG	32EEAA 32EEAD 32EEAG	32EDCA 32EDCD 32EDCG	32EECA 32EECD 32EECG
900mm Vision Panel		Painted Polished Melamine	32HDAB 32HDAE 32HDAH	32HEAB 32HEAE 32HEAH	32HDCB 32HDCE 32HDCH	32HECB 32HECE 32HECH
900mm Observation Panel		Painted Polished Melamine	32HDAC 32HDAF 32HDAI	32HEAC 32HEAF 32HEAI	32HDCC 32HDCF 32HDCI	32HECC 32HECF 32HECI
900mm Half Glazed		Painted Polished Melamine	32FDAB 32FDAE 32FDAH	32FEAB 32FEAE 32FEAH	32FDCB 32FDCE 32FDCH	32FECB 32FECE 32FECH
900mm Fully Glazed		Polished	32GDAQ	32GEAQ	32GDCQ	32GECQ

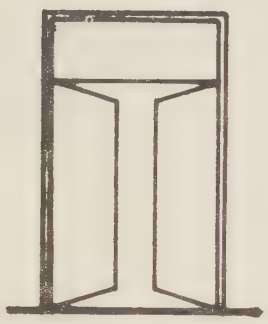
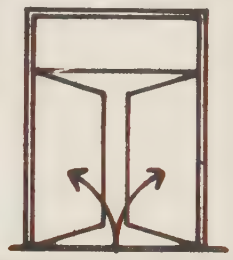
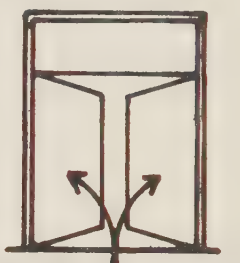
Door sets hardwood frame double swing

 double swing leaves		CODES			
		2400 high		2700 high	
		solid	glazed	solid 	glazed 
900mm + 900mm Flush	Painted Polished Melamine	32QDAA 32QDAD 32QDAG	32QEAA 32QEAD 32QEAG	32QDCA 32QDCD 32QDCG	32QECA 32QECD 32QECG
900mm + 900mm Vision Panel	Painted Polished Melamine	32TDAB 32TDAE 32TDAH	32TEAB 32TEAE 32TEAH	32TDCB 32TDCE 32TDCH	32TECB 32TECE 32TECH
900mm + 900mm Observation Panel	Painted Polished Melamine	32TDAC 32TDAF 32TDAI	32TEAC 32TEAF 32TEAI	32TDCC 32TDCF 32TDCI	32TECC 32TECF 32TECI
900mm + 900mm Half Glazed 	Painted Polished Melamine	32RDAB 32RDAE 32RDAH	32REAB 32REAE 32REAH	32RDCB 32RDCE 32RDCH	32RECB 32RECE 32RECH
900mm + 900mm Fully Glazed	Polished	32SDAQ	32SEAQ	32SDCQ	32SECQ

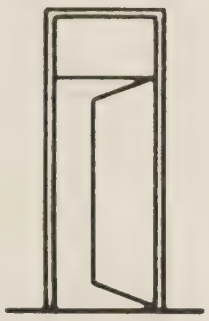
32 Door sets plastic frame single and double swing

 single and double swing leaves	CODES			
	2400 high		2700 high	
	solid panel		solid panel	
700mm Flush	32VGKY	32VDKY	32VGMY	32VDMY
800mm Flush	32BGKY	32BDKY	32BGMY	32BDMY
800mm Vision Panel	32WGKY	32WDKY	32WGMY	32WDMY
800mm Observation Panel	32WGKZ	32WDKZ	32WGMZ	32WDMZ
800mm Half Glazed	32CGKY	32CDKY	32CGMY	32CDMY
900mm Flush	32EGKY	32EDKY	32EGMY	32EDMY
900mm Vision Panel	32HGKY	32HDKY	32HGMY	32HDMY
900 mm Observation Panel	32HGKZ	32HDKZ	32HGMZ	32HDMZ
900mm Half Glazed	32FGKY	32FDKY	32FGMY	32FDMY
900mm Fully Glazed	32GGKY	32GDKY	32GGMY	32GDMY

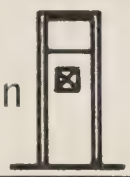
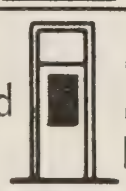
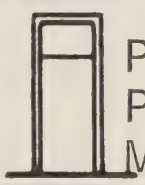
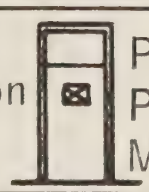
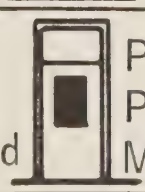
Door sets
plastic frame
single and double swing

 single and double swing leaves	CODES			
	2400 high		2700 high	
	solid panel		solid panel	
				
900mm + 500mm Flush	32IGKY		32IGMY	
900mm + 500mm Vision Panel	32LGKY		32LGMY	
900mm + 500mm Observation Panel	32LGKZ		32LGMZ	
900mm + 500mm Half Glazed	32JGKY		32JGMY	
900mm + 500mm Fully Glazed	32KGKY		32KGMY	
900mm + 900mm Flush	32QGKY	32QDKY	32QGMY	32QDMY
900mm + 900mm Vision Panel	32TGKY	32TDKY	32TGMY	32TDMY
900mm + 900mm Observation Panel	32TGKZ	32TDKZ	32TGMZ	32TDMZ
900mm + 900mm Half Glazed	32RGKY	32RDKY	32RGMY	32RDMY
900mm + 900mm Fully Glazed	32SGKY	32SDKY	32SGMY	32SDMY

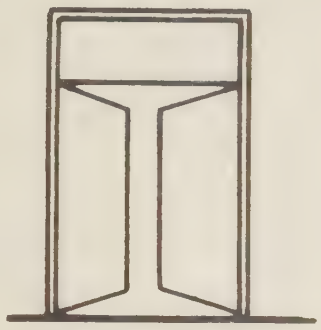
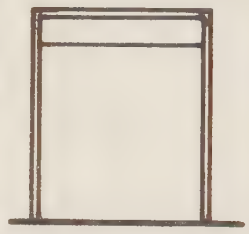
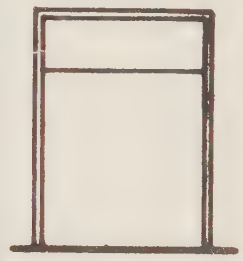
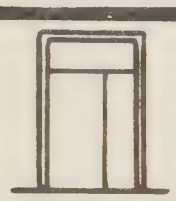
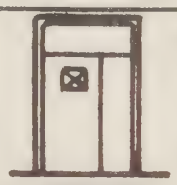
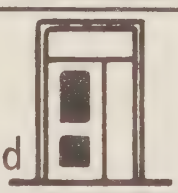
34 Half-hour fire-check sets hardwood frame single swing



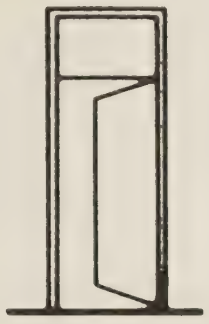
single swing leaf

		CODES			
		2400 high		2700 high	
		solid	glazed	solid	glazed
700mm Flush	Painted	32VAAV	32VBAV	32VACV	32VBCV
	Polished	32VAAJ	32VBAJ	32VACJ	32VBCJ
	Melamine	32VAAM	32VBAM	32VACM	32VBCM
800mm Flush	Painted	32BAAV	32BBAV	32BACV	32BBCV
	Polished	32BAAJ	32BBAJ	32BACJ	32BBCJ
	Melamine	32BAAM	32BBAM	32BACM	32BBCM
800mm Vision Panel	Painted	32WAAX	32WBAX	32WACX	32WBCX
	Polished	32WAAL	32WBAL	32WACL	32WBCL
	Melamine	32WAAP	32WBAP	32WACP	32WBCP
800mm Observation Panel	Painted				
	Polished				
	Melamine				
800mm Half Glazed	Painted	32CAAX	32CBAX	32CACX	32CBCX
	Polished	32CAAL	32CBAL	32CACL	32CBCL
	Melamine	32CAAP	32CBAP	32CACP	32CBCP
900mm Flush	Painted	32EAAV	32EBAV	32EACV	32EBCV
	Polished	32EAAJ	32EBAJ	32EACJ	32EBCJ
	Melamine	32EAAM	32EBAM	32EACM	32EBCM
900mm Vision Panel	Painted	32HAAX	32HBAX	32HACX	32HBCX
	Polished	32HAAL	32HBAL	32HACL	32HBCL
	Melamine	32HAAP	32HBAP	32HACP	32HBCP
900mm Observation Panel	Painted				
	Polished				
	Melamine				
900mm + 900mm Half Glazed	Painted	32FAAX	32FBAX	32FACX	32FBCX
	Polished	32FAAL	32FBAL	32FACL	32FBCL
	Melamine	32FAAP	32FBAP	32FACP	32FBCP
900mm + 900mm Fully Glazed	Polished	32GAAR	32GBAR	32GACR	32GBCR

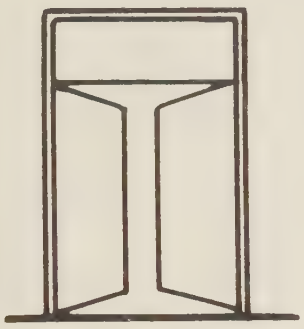
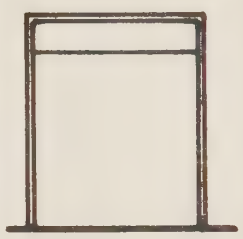
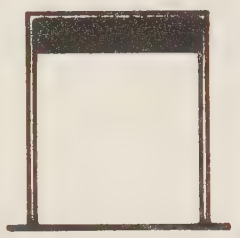
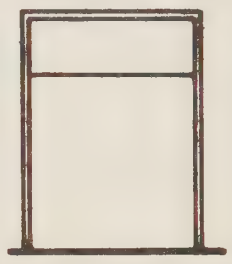
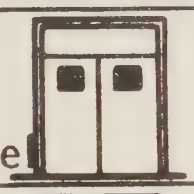
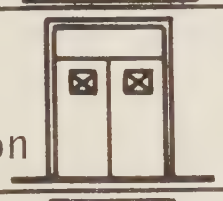
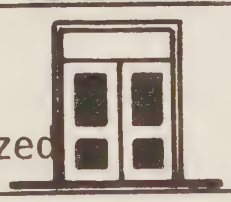
Half-hour fire-check sets hardwood frame single swing

 single swing leaves	CODES			
	2400 high		2700 high	
	solid 	glazed	solid 	glazed
900mm + 500mm Flush 	Painted Polished Melamine	32IAAV 32IAAJ 32IAAM		32IACV 32IACJ 32IACM	
900mm + 500mm Vision Panel	Painted Polished Melamine	32LAAX 32LAAL 32LAAP		32LACX 32LACL 32LACP	
900mm + 500mm Observation Panel 	Painted Polished Melamine				
900mm + 500mm Half Glazed	Painted Polished Melamine	32JAAX 32JAAL 32JAAP		32JACX 32JACL 32JACP	
900mm + 500mm Fully Glazed 	Polished	32KAAR		32KACR	
900mm + 900mm Flush	Painted Polished Melamine	32QAAV 32QAAJ 32QAAM		32QACV 32QACJ 32QACM	
900mm + 900mm Vision Panel	Painted Polished Melamine	32TAAX 32TAAL 32TAAP		32TACX 32TACL 32TACP	
900mm + 900mm Observation Panel	Painted Polished Melamine				
900mm + 900mm Half Glazed	Painted Polished Melamine	32RAAX 32RAAL 32RAAP		32RACX 32RACL 32RACP	
900mm + 900mm Fully Glazed	Polished	32SAAR		32SACR	

36 Half-hour fire-check sets hardwood frame double swing

 double swing leaf		CODES			
		2400 high		2700 high	
		solid	glazed	solid	glazed
700mm Flush	Painted Polished Melamine	32VDAV 32VDAJ 32VDAM	32VEAV 32VEAJ 32VEAM	32VDCV 32VDCJ 32VDCM	32VECV 32VECJ 32VECM
800mm Flush	Painted Polished Melamine	32BDAV 32BDAJ 32BDAM	32BEAV 32BEAJ 32BEAM	32BDCV 32BDCJ 32BDCM	32BECV 32BECJ 32BECM
800mm Vision Panel	Painted Polished Melamine	32WDAX 32WDAL 32WDAP	32WEAX 32WEAL 32WEAP	32WDCX 32WDCL 32WDCP	32WECX 32WECL 32WECP
800mm Observation Panel	Painted Polished Melamine				
800mm Half Glazed	Painted Polished Melamine	32CDAX 32CDAL 32CDAP	32CEAX 32CEAL 32CEAP	32CDCX 32CDCL 32CDCP	32CECX 32CECL 32CECP
900mm Flush	Painted Polished Melamine	32EDAV 32EDAJ 32EDAM	32EEAV 32EEAJ 32EEAM	32EDCV 32EDCJ 32EEDM	32EECV 32EECJ 32EECM
900mm Vision Panel	Painted Polished Melamine	32HDAX 32HDAL 32HDAP	32HEAX 32HEAL 32HEAP	32HDCX 32HDCL 32HDCP	32HECX 32HECL 32HECP
900mm Observation Panel	Painted Polished Melamine				
900mm Half Glazed	Painted Polished Melamine	32FDAX 32FDAL 32FDAP	32FEAX 32FEAL 32FEAP	32FDCX 32FDCL 32FDCP	32FECX 32FECL 32FECP
900mm Fully Glazed	Polished	32GDAR	32GEAR	32GDCR	32GECR

Half-hour fire-check sets hardwood frame double swing

 double swing leaves	CODES			
	2400 high		2700 high	
	solid 	glazed 	solid 	glazed
900mm + 900mm Flush	Painted Polished Melamine	32QDAV 32QDAJ 32QDAM		32QDCV 32QDCJ 32QDCM	
900mm + 900mm Vision Panel 	Painted Polished Melamine	32TDAX 32TDAL 32TDAP		32TDCX 32TDCL 32TDCP	
900mm + 900mm Observation Panel 	Painted Polished Melamine				
900mm + 900mm Half Glazed	Painted Polished Melamine	32RDAX 32RDAL 32RDAP		32RDCX 32RDCL 32RDCP	
900mm + 900mm Fully Glazed 	Polished	32SDAR		32SDCR	

38 One hour fire-check sets hardwood frame single swing

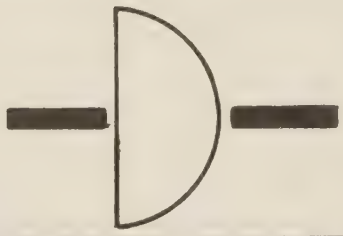
single swing leaf			CODES			
			2400 high		2700 high	
			solid	glazed	solid	glazed
800mm Flush		Painted Polished	32BCAV 32BCAJ		32BCCV 32BCCJ	
900mm Flush		Painted Polished	32ECAV 32ECAJ		32ECCV 32ECCJ	

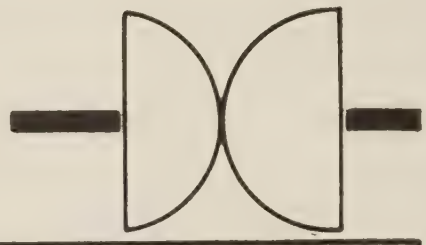
Leaves single swing

Single leaf width and type		CODE	Double leaves width and type		CODE
500mm Flush	Painted Polished Melamine	32AWXA 32AWXD 32AWXG			
700mm Flush	Painted Polished Melamine	32WWXA 32WWXD 32WWXG	900mm + 500mm Flush	Painted Polished Melamine	32IYXA 32IYXD 32IYXG
800mm Flush	Painted Polished Melamine	32BWXA 32BWXD 32BWXG	900mm + 500mm Vision Panel	Painted Polished Melamine	32LYXB 32LYXE 32LYXH
800mm Vision Panel	Painted Polished Melamine	32WWXB 32WWXE 32WWXH	900mm + 500mm Observation Panel	Painted Polished Melamine	
800mm Observation Panel	Painted Polished Melamine		900mm + 500mm Half Glazed	Painted Polished Melamine	32JYXB 32JYXE 32JYXH
800mm Half Glazed	Painted Polished Melamine	32CWXB 32CWXE 32CWXH	900mm + 500mm Fully Glazed	Polished	32KYXQ
900mm Flush	Painted Polished Melamine	32EWXA 32EWXD 32EWXG	900mm + 900mm Flush	Painted Polished Melamine	32QYXA 32QYXD 32QYXG
900mm Vision Panel	Painted Polished Melamine	32HWXB 32HWXE 32HWXH	900mm + 900mm Vision Panel	Painted Polished Melamine	32TYXB 32TYXE 32TYXH
900mm Observation Panel	Painted Polished Melamine	32HWXC 32HWXF 32HWXI	900mm + 900mm Observation Panel	Painted Polished Melamine	
900mm Half Glazed	Painted Polished Melamine	32FWXB 32FWXE 32FWXH	900mm + 900mm Half Glazed	Painted Polished Melamine	32RYXB 32RYXE 32RYXH
900mm Fully Glazed	Polished	32GWXQ	900mm + 900mm Fully Glazed	Polished	32SYXQ

40

Leaves double swing





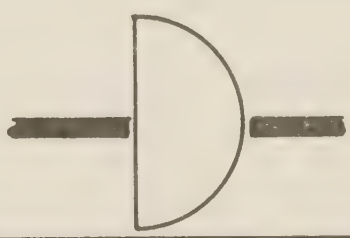
Single leaf width and type		CODE	Double leaves width and type		CODE
700mm Flush	Painted Polished Melamine	32VXXA 32VXXD 32VXXG			
800mm Flush	Painted Polished Melamine	32BXXA 32BXXD 32BXXG			
800mm Vision Panel	Painted Polished Melamine	32WXXB 32WXXE 32WXXH			
800mm Observation Panel	Painted Polished Melamine				
800mm Half Glazed	Painted Polished Melamine	32CXXB 32CXXE 32CXXH			
900mm Flush	Painted Polished Melamine	32EXXA 32EXXD 32EXXG	900mm + 900mm Flush	Painted Polished Melamine	32QZXA 32QZXD 32QZXG
900mm Vision Panel	Painted Polished Melamine	32HXXB 32HXXE 32HXXH	900mm + 900mm Vision Panel	Painted Polished Melamine	32TZXB 32TZXE 32TZXH
900mm Observation Panel	Painted Polished Melamine	32HXXC 32HXXF 32HXXI	900mm + 900mm Observation Panel	Painted Polished Melamine	
900mm Half Glazed	Painted Polished Melamine	32FXXB 32FXXE 32FXXH	900mm + 900mm Half Glazed	Painted Polished Melamine	32RZXB 32RZXE 32RZXH
900mm Fully Glazed	Polished	32GXXQ	900mm + 900mm Fully Glazed	Polished	32SZXQ

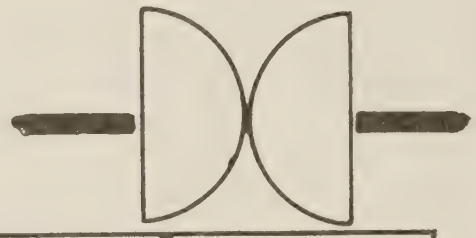
Half-hour fire-check leaves single swing

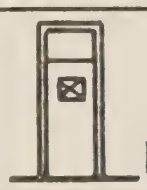
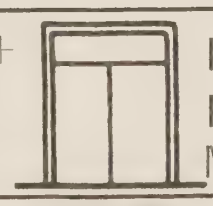
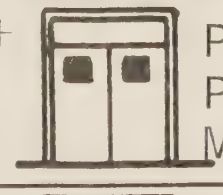
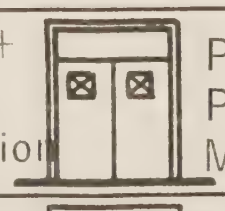
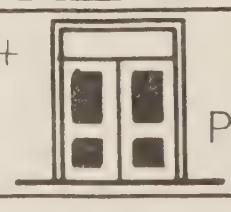
41

Single leaf width and type		CODE	Double leaves width and type		CODE
500mm Flush	Painted Polished Melamine	32AWYV 32AWYJ 32AWYM			
700mm Flush	Painted Polished Melamine	32WYV 32WYJ 32WYM	900mm + 500mm Flush	Painted Polished Melamine	32IYIV 32IYYJ 32IYYM
800mm Flush	Painted Polished Melamine	32BWYV 32BWYJ 32BWYM	900mm + 500mm Vision Panel	Painted Polished Melamine	32LYYX 32LYYL 32LYYP
800mm Vision Panel	Painted Polished Melamine	32WWYX 32WWYL 32WWYP	900mm + 500mm Observatior Panel	Painted Polished Melamine	
800mm Observation Panel	Painted Polished Melamine		900mm + 500mm Half Glazed	Painted Polished Melamine	32JYYX 32JYYL 32JYYP
800mm Half Glazed	Painted Polished Melamine	32CWYX 32CWYL 32CWYP	900mm + 500mm Fully Glazed	Polished	32KYYR
900mm Flush	Painted Polished Melamine	32EWYV 32EWYJ 32EWYM	900mm + 900mm Flush	Painted Polished Melamine	32QYYV 32QYYJ 32QYYM
900mm Vision Panel	Painted Polished Melamine	32HWYX 32HWYL 32HWYP	900mm + 900mm Vision Panel	Painted Polished Melamine	32TYYX 32TYYL 32TYYP
900mm Observation Panel	Painted Polished Melamine		900mm + 900mm Observation Panel	Painted Polished Melamine	
900mm Half Glazed	Painted Polished Melamine	32FWYX 32FWYL 32FWYP	900mm + 900mm Half Glazed	Painted Polished Melamine	32RYYX 32RYYL 32RYYP
900mm Fully Glazed	Polished	32GWYR	900mm + 900mm Fully Glazed	Polished	32SYYR

42 Half hour fire check leaves double swing





Single leaf width and type	CODE	Double leaves width and type	CODE
700mm Flush Painted / Polished / Melamine	32VXYV 32VXYJ 32VXYM		
800mm Flush Painted / Polished / Melamine	32BXYV 32BXYJ 32BXYM		
800mm Vision Panel Painted / Polished / Melamine	32WXYX 32WXYL 32WXYP		
800mm Observation Panel  Painted / Polished / Melamine			
800mm Half Glazed Painted / Polished / Melamine	32CXYX 32CXYL 32CXYP		
900mm Flush Painted / Polished / Melamine	32EXYV 32EXYJ 32EXYM	900mm + 900mm Flush  Painted / Polished / Melamine	32QZYV 32QZYJ 32QZYM
900mm Vision Panel Painted / Polished / Melamine	32HXYX 32HXYL 32HXYP	900mm + 900mm Vision Panel  Painted / Polished / Melamine	32TZYX 32TZYL 32TZYP
900mm Observation Panel Painted / Polished / Melamine		900mm + 900mm Observation Panel  Painted / Polished / Melamine	
900mm Half Glazed Painted / Polished / Melamine	32FXYX 32FXYL 32FXYP	900mm + 900mm Half Glazed Painted / Polished / Melamine	32RZYX 32RZYL 32RZYP
900mm Fully Glazed Polished	32GXYR	900mm + 900mm Fully Glazed  Polished	32SZYR

One hour fire check leaves single swing

Single leaf width and type		CODE		
800mm Flush	Painted	32BU-V		
	Polished	32VU-J		
900mm Flush	Painted	32EU-V		
	Polished	32EU-J		

Filler pieces	2400 high		2700 high	
	50 thick	100 thick	50 thick	100 thick
Softwood	22ZAAS	22ZBAS	22ZABS	22ZBBS
Hardwood	22ZAAT	22ZBAT	22ABT	22ZBBT
Plastic faced	22ZAAU	22ZBAU	22ZABU	22ZBBU

44

Ironmongery sets

Door type		Ironmongery sets	Butts, Hinges: Pair lift-off butts	Pair 4" falling butts	Pair spring hinges	Latch: 3" mortice latch	Lock: Cylinder lock	Rim budget lock	Handle: Set lever handles	9" pull handle	Bolts: W.C. indicator bolt	Espagnolette bolt	8" flush bolt	4" necked bolt	Plates: Push plate	Buffer plates WIDTH 500 mm	Buffer plates WIDTH 800 mm	Buffer plates WIDTH 900 mm	Kicking plates WIDTH 500 mm	Kicking plates WIDTH 800mm	Kicking plates WIDTH 900 mm	Over-head closers: Single action closer	Double action closer	Dictator closer	Jamb pivot
Single door leaf	Single swing	AA	1			1			1																
		AB	1			1			1																
		AC	1			1	1		1																
		AD	1			1	1		1																
		AE	1					1																	
	Single action closer	AF	1							1					1							1				
		AG	1							1					1							1				
		AH	1							1					1		1			1		1				
		AI	1							1					1		1			1		1				
		AJ	1							1					1			1			1	1				
		AK	1							1					1			1			1	1				
	Failing butts	AL		1							1														
		AM		1			1				1														
	Double action closer	AN													2								1		1
		AP													2		2			2			1		1
		AQ													2			2			2		1		1
	Spring hinge	AR			1					1					1									1	
		AS			1					1					1										
Door and a half	Single swing	BA	2½			1			1				2												
		BB	2½			1	1		1				2												
		BC	2½			1			1				2			1		1	1		1				
		BD	2½			1	1		1				2			1		1	1		1				
Double door leaves	Single swing	CA	3			1			1				2												
		CB	3			1	1		1				2												
		CC	3			1			1				2					2			2				
		CD	3			1	1		1				2					2			2				
		CE	3					1						2											
	Single action closer	CF	3							2					2							2				
		CG	3							2					2						2	2				
		CH	3			1				2			2		2							2				
		CI	3			1				2			2		2						2	2				
	Double action closer	CJ													4								2		2
		CK													4			4			4		2		2
		CL					1						2		4								2		2
		CM					1						2		4			4			4		2		2
		CN								2					2								2		2

Ironmongery sets codes

45

The following list shows the information needed to complete the coding for the ironmongery set.

Ironmongery Sets	Ironmongery set codes		
	for left hand door	for right hand door	For double doors and double swing doors
AA	32UAAA	32UAAB	
AB	32UABA	32UABB	
AC	32UACA	32UACB	
AD	32UADA	32UADB	
AE	32UAEA	32UAEB	
AF	32UAFA	32UAFB	
AG	32UAGA	32UAGB	
AH	32UAHA	32UAHB	
AI	32UAIA	32UAIB	
AJ	32UAJA	32UAJB	
AK	32UAKA	32UAKB	
AL	32UALA	32UALB	
AM	32UAMA	32UAMB	
AN			32UAN-
AP			32UAP-
AQ			32UAQ-
AR	32UARA	32UARB	
AS	32UASA	32UASB	
BA	32UBAA	32UBAB	
BB	32UBBA	32UBBB	
BC	32UBCA	32UBCB	
BD	32UBDA	32UBDB	
CA			32UCA
CB			32UCB
CC			32UCC
CD			32UCD-
CE			32UCE-
CF			32UCF-
CG			32UCG-
CH			32UCH-
CI			32UCI-
CJ			32UCJ-
CK			32UCK-
CL			32UCL-
CM			32UCM-
CN			32UCN-

The codes describe functional sets suitable for the majority of cases. A few codes may need amplification when coding and should then be read with the drawings.

Code index

46

To find a coded door set in the previous pages use the index below. Columns 1,2,3 and 4 uses the third fourth, fifth and sixth letter of the code respectively. For example to find 32CDAE door set, locate C in column 1, D in column 2, A(relative to D) in column 3, E(relative to A) in column 4 and read across the page number 26 in the last column.

Columns				Page
1	2	3	4	
A B C E F G H V W	A	A C	C F I J L M P R V X	34
	B	A C		
	C	A C	J V	38
	D	A C	A B C D E F G H I Q	30
		F H	A B C D E F G H I Q	26
		K M	Y Z	32
	E	A C	A B C D E F G H I Q	30
		F H	A B C D E F G H I Q	26
	G	A C	A B C D E F G H I Q	28
		F H	A B C D E F G H I Q	24
		K M	Y Z	32
	H	A C	A B C D E F G H I Q	28
		F H	A B C D E F G H I Q	24
	W	-	A B C D E F G H I Q	40
			J L M P R V X	42
	X	-	A B C D E F G H I Q	41
			J L M P R V X	43

Columns				
1	2	3	4	
A	A	A C	C F I J L M P R V X	35
I J K L Q R S T	D	A C	A B C D E F G H I Q	31
		F H	A B C D E F G H I Q	27
		K M	Y Z	33
	E	A C	A B C D E F G H I Q	31
		F H	A B C D E F G H I Q	27
	G	A C	A B C D E F G H I Q	29
		F H	A B C D E F G H I Q	25
		K M	Y Z	33
	H	A C	A B C D E F G H I Q	29
		F H	A B C D E F G H I Q	24
	Y	-	A B C D E F G H I Q	40
			J L M P R V X	42
	Z	-	A B C D E F G H I Q	41
			J L M P R V X	43

R 13091/12835 2,500 11/72 P

3|2

MDB reference

0	Use and Index Service document	Use and Index Service document	0/1 0/2
1	Structure	Structure (reprint)	1/1
2	External envelope	Roofing systems Cladding (later) Windows and composite infill panels	2/1 2/2 2/3
3	Internal sub-division	Partitions Door sets Ceiling system Flooring system Cubicles	3/1 3/2 3/3 3/4 3/5
4	Services and Drainage	Sanitary assemblies Sanitary assembly panels	4/1 4/2
5	Fixtures, furniture and equipment	Storage and worktop units Signposting Curtain tracks	5/1 5/2 5/3

Door sets